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FLOOD INSURANCE STUDY

DE KALB COUNTY, GEORGIA

UNINCORPORATED AREAS

VOLUME 1 OF 3

REVISED

DECEMBER 5, 1989

Federal Emergency Management Agency

COMMUNITY NUMBER - 130065

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

This publication incorporates revisions to the original Flood Insurance Study. These revisions are presented in Section 9.0.

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Flood Insurance Rate Map

FLOOD INSURANCE STUDY
DEKALB COUNTY, UNINCORPORATED AREAS, GEORGIA

1.0 INTRODUCTION

1.1 Purpose of Study

The purpose of this Flood Insurance Study is to investigate the existence and severity of flood hazards in the unincorporated areas of DeKalb County, Georgia, and to aid in the administration of the National Flood Insurance Act of 1968 and the Flood Disaster Protection Act of 1973. Initial use of the information will be to maintain DeKalb County in the regular program of flood insurance by the Federal Emergency Management Agency (FEMA). The county had been converted to the regular program on May 15, 1980. Further use of the information will be made by local and regional planners in their efforts to promote sound land use and flood plain development.

In some states or communities, flood plain management criteria or regulations may exist that are more restrictive or comprehensive than those on which these Federally-supported studies are based. These criteria take precedence over the minimum Federal criteria for purposes of regulating development in the flood plain, as set forth in the Code of Federal Regulations at 44 CFR, 60.3 (d). In such cases, however, it shall be understood that the state (or other jurisdictional agency) shall be able to explain these requirements and criteria.

1.2 Authority and Acknowledgments

The source of authority for this Flood Insurance Study is the National Flood Insurance Act of 1968 and the Flood Disaster Protection Act of 1973.

The hydrologic and hydraulic analyses for this study were performed by U.S. Army Corps of Engineers, Savannah District, for the Federal Emergency Management Agency under Interagency Agreement No. (IAA) 4-18-78, Project Order No. 33. The mapping and much of the field surveys were performed by John J. Harte Associates, Inc., under contract to the Savannah District. Other survey data were obtained from previous Corps studies. This study was completed in October 1980.

1.3 Coordination

Streams requiring detailed study were identified at an initial meeting held in May 1978, attended by personnel from the Corps of Engineers (COE), FEMA, and DeKalb County. Existing aerial photography was obtained from the DeKalb County Property Management Section for portions of the reconnaissance stage of the study. Background information on DeKalb County was obtained through cooperation of county officials. Results of the hydrologic analysis were coordinated with the U.S. Geological Survey (USGS), Mobile District Corps of Engineers, the Georgia Department of Transportation, and Parsons, Brinkerhoff, Quade & Douglas, Inc. Also, numerous meetings were held with DeKalb County officials to coordinate the study's program.

On August 9, 1982 the results of the study were reviewed at the final meeting attended by representatives of the COE, FEMA and county.

2.0 AREA STUDIED

2.1 Scope of Study

This Flood Insurance Study covers the unincorporated area of DeKalb County, Georgia. The area of study is shown on the Vicinity Map (Figure 1). Not included in the study are the incorporated cities of Decatur, Clarkston, Pine Lake, Doraville, Chamblee and those portions of the City of Atlanta that are located within DeKalb County. The limits of the detailed study were determined by FEMA with county and study contractor consultation at the meeting in May 1978. The scope and methods of study were proposed to and agreed upon by FEMA and DeKalb County.

The areas studied by detailed methods were selected with priority given to all known hazard areas, and areas of projected development or proposed construction for the next five years, through October 1985.

Streams within the study area that have been included in earlier studies are shown in Table 1.

Approximate analyses were used to study those areas having a low development potential or minimal flood hazards. The scope and methods of study were proposed to and agreed upon by FEMA and the county.

2.2 Community Description

DeKalb County, located in northwest Georgia, was formed in 1822 from a portion of Henry County. In 1853 a portion of the county, which included the City of Atlanta, was taken to form a part of Fulton County. The land area of the county is now approximately 172,000 areas.

The climate in DeKalb County is temperate with short, usually mild winters and long summers, typical of this part of the United States. Annual average precipitation of the region is 48 inches. The precipitation distribution throughout the year ranges from 2 1/2 inches in October to nearly 6 inches in March (Reference 1). The average annual temperature in DeKalb County is 61.5 degrees F.

Deciding which land should be used for urban development is an important issue in DeKalb County. It is rapidly developing into a highly urbanized area, especially those areas which are contiguous to the Cities of Atlanta and Decatur and the industrial complexes of the county. All indications point to a continuation of the trend throughout the county. In 1970, about

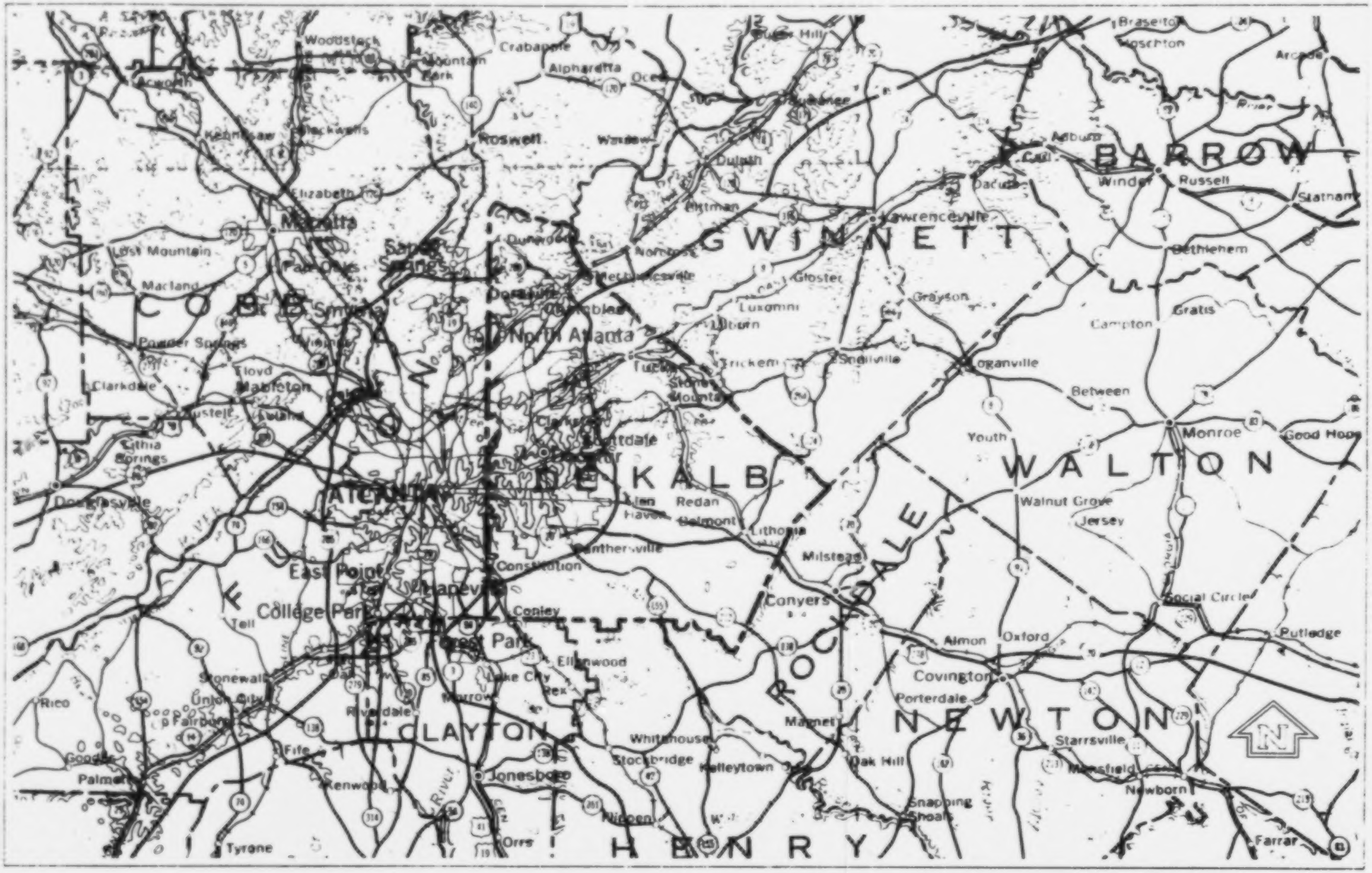
COBB
GWINNETT
BARROW
DEKALB
WALTON
ROCKDALE
NEWTON
HENRY
CLAYTON
FULTON
Woodstock
Mountain Park
Crabapple
Alpharetta
Roswell
Acworth
Kennesaw
Blackwells
Marietta
Elizabeth
Lost Mountain
Macland
Powder Springs
Clarkdale
Austell
Lithia Springs
Douglasville
Mableton
Smyrna
Sandy Springs
Dunwoody
Doraville
Chamblee
North Atlanta
Tucker
Norcross
Duluth
Suwanee
Buford
Lawrenceville
Gloster
Luxomni
Lilburn
Grayson
Snellville
Stone Mountain
Clarkston
Scottdale
Redan
Belmont
Lithonia
Panthersville
Constitution
Atlanta
East Point
College Park
Hapeville
Forest Park
Conley
Ellenwood
Lake City
Rex
Morrow
Jonesboro
Riverdale
Stonewall
Union City
Fairburn
Palmetto
Tyrone
Rico
Fife
Orrs
Stockbridge
Whitehouse
Kelleytown
Conyers
Milstead
Almon
Oxford
Covington
Porterdale
Oak Hill
Snapping Shoals
Starrsville
Mansfield
Newborn
Farrar
Loganville
Between
Youth
Monroe
Good Hope
Walnut Grove
Jersey
Social Circle
Rutledge
Campton
Gratis
Bethlehem
Dacula
Auburn
Winder
Russell
Statham
Braselton
Hoschton
Arcade
N

FIGURE 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

APPROXIMATE SCALE

8 0 8 16 24 MILES

VICINITY MAP

TABLE 1 - Streams within the study area that have been included in earlier studies

STREAMS

- South River
- Crooked Creek (Tributary to South River)
- Pole Bridge Creek
- Stephenson Creek
- Clarks Creek
- Corn Creek
- Snapfinger Creek
- Panther Branch
- Conley Creek
- Shoal Creek
- Fowler Branch
- Blue Creek
- Doolittle Creek
- Doless Creek
- Sugar Creek
- Intrenchment Creek
- Swift Creek
- Stone Mountain Creek
- Crooked Creek (Tributary to Stone Mountain Creek
- Little Stone Mountain Creek
- South Fork Peachtree Creek
- Peavine Creek
- Burnt Fork Creek
- North Fork Peachtree Creek
- Henderson Mill Creek
- Peachtree Branch
- Nancy Creek
- Yellow River
- Honey Creek
- Cobbs Creek

98,000 acres, or 57 percent of the county was urban land or land committed to urban use. Continued economic development within the study area is expected which will lead to intensified flood plain development unless the flood plains are properly zoned and managed.

DeKalb County is in the Southern Piedmont major land resource area. The soils on uplands are mainly well drained and have a loamy surface layer and a clayey subsoil. The landscape is made up of very gently sloping soils on ridgetops, and sloping to steep, well drained loamy type soil. Although the county is planned mainly for urban use, some excellent farmland exists. However, most of the land area of DeKalb County that has not been developed is in woodland and pastureland. The stream have a steep hydraulic gradient in their headwater, but a moderate gradient as they leave the county.

2.3 Principal Flood Problems

The past history of flooding in DeKalb County indicates that flooding may occur during any season of the year, but floods are most likely to occur in winter and spring when runoff conditions are most favorable. Major flood producing storms in these seasons are usually of the frontal type that last from two to four days and often cover large areas. Summer storms are generally of the thunderstorm type with high intensities over small areas.

There have been a number of floods in DeKalb County. They have caused significant damage along Peachtree Creek, Nancy Creek, Snapfinger Creek, their tributaries, and other streams. Past floods have caused damage because of development in the flood plains. As time passes, and as residential and industrial development increases, there will be an even greater demand for building sites. Unless properly regulated, some of these sites could be on land vulnerable to serious flood damage.

2.4 Flood Protection Measures

At this time there are no channels, structural or nonstructural flood protection measures being constructed in DeKalb County which would reduce potential flood damages. In addition, there are no known flood protection measures that will be constructed or implemented in the future.

DeKalb County officials realized the need for flood protection in the flood plains and in 1970 enacted into law an ordinance to prevent flooding of future developments. This ordinance stipulates that all buildings located adjacent to a flood plain drainage easement shall be constructed so that all portions of the structure, including the basement floor, or crawl areas, shall be not less than three feet above the intermediate regional flood contour elevation; all streets shall be constructed at least one foot above the intermediate regional flood contour elevation. In addition, if the required hydraulic studies reveal that filling or grading within a flood plain drainage easement would overload the capacity of the channel downstream or increase flood stages upstream, the development permit would be denied, unless equivalent flow and storage is replaced and maintained by the owner within the flood plain drainage easement. If the required hydraulic studies reveal that development or building would generate an increase of storm water runoff in excess of one cubic foot per second during a ten year frequency storm, the development permit shall be denied unless improvements are made to provide storage on the site of the increased runoff and a method for regulating the flow, in order that the rate of runoff from the site will not be increased. All drainage improvements shown on approved plans shall be constructed and properly functioning prior to final approval of the development project. All drainage structures and facilities shall be constructed in accordance with county standards and specifications.

3.0 ENGINEERING METHODS

For the flooding sources studied in detail in the community, standard hydrologic and hydraulic study methods were used to determine the flood hazard data required for this study. Flood events of a magnitude which are expected to be equalled or exceeded once on the average during any 10-, 50-, 100-, and 500-year period (recurrence intervals), have been selected as having special significance for flood plain management and for flood insurance premium rates. These events, commonly termed the 10-, 50-, 100-, and 500-year floods, have a 10, 2, 1, and 0.2 percent chance, respectively, of being equalled or exceeded during any year. Although the recurrence interval represents the long term, average period between floods of a specific magnitude, rare floods could occur at short intervals or even within the same year. The risk of experiencing a rare flood increases when periods greater than one year are considered. For example, the risk of having a flood which equals or exceeds the 100-year flood (one percent chance of annual occurrence) in any 50 year period is about 40 percent (four in 10), and for any 90 year period, the risk increases to about 60 percent (six in 10). The analyses reported here reflect flooding potentials based on conditions existing in the community at the time of completion of this study. Maps and flood elevations will be amended periodically to reflect future changes.

3.1 Hydrologic Analyses

Hydrologic analyses were carried out to establish peak discharge-frequency relationships for floods of the selected recurrence intervals for each flooding source studied in detail in DeKalb.

This was accomplished by computing the peak runoff which would result from storms (rainfall) of a given exceedance frequency. Data from the National Weather Service Technical Paper No. 40 (Reference 2) were utilized to generate the 10-, 50-, 100- and 500-year hypothetical 24-hour storms. (The rainfall frequency curve was extrapolated to determine the 500-year rainfall). Procedures given in Soil Conservation Service (SCS) Technical Paper 149 (Reference 3) were utilized to distribute the rainfall amounts for the hypothetical storms with maximum centering over all subbasins simultaneously for ungaged watersheds. The rainfall distribution which best recreated recorded flood events in the basin was used for gaged watersheds.

The runoff curve number (CN) method described in the Soil Conservation Service's National Engineering Handbook, Section 4 (NEH-4), Chapters 7-10 (Reference 4), was used to determine the runoff resulting from hypothetical flood events. The curve number method uses the soil series name and type, land use, the slope of the watershed and the antecedent moisture condition (AMC) in determining the basin's response to runoff, i.e., basin lag. The SCS curve number method has been programmed into the HEC-I model and is used to develop consistent runoff responses while allowing the evaluation of the effects of changes in land use. The soil series names were secured from the preliminary soil surveys of DeKalb, Clayton and Henry Counties, Georgia. The average hydrologic soil group of each subbasin was determined as a weighted average of each subbasin's area. Rain loss curve numbers were designated for each soil group and a predominant land use associated with each subbasin (See Table 2).

TABLE 2
DEKALB COUNTY LAND USE CATEGORIES
AND ASSOCIATED CURVE NUMBERS (CN) (AMC II)

USGS LAND USE CLASSIFICATION #		HYDROLOGIC SOIL GROUP			
		A	B	C	D
11	Residential	80	85	90	95
12	Commercial and Industrial	95	96	97	98
13					
15					
*16	Mixed Urban or Built-up Land	73	82	88	91
17	Other Urban or Built-up Land				
21-33	Agricultural and Rangeland	67	78	85	89
41-43	Forest Land	36	60	73	79
51-54	Water Bodies	100	100	100	100

*CN from avg of all urban land uses

Table 2 presents the adopted curve number (CN) associated with each hydrologic soil group and land use for each basin. The relationships shown in Table 2 are based on an intermediate value of antecedent moisture condition (AMC II). Guidance on the adjustment to a drier or wetter condition is given in the SCS Handbook Section 4, Hydrology (NEH-4), Table 10.1, (Reference 4). For generalized criteria for antecedent moisture conditions, see the above reference Table 4.2.

Unit hydrographs were computed for each subbasin utilizing HEC-1, along with the generalized dimensionless unitgraph described in Chapter 16 of Section 4 of the SCS Handbook (Reference 4). Lag time for each basin hydrograph was determined from the following equation:

$$L = \frac{l^{0.8} \quad (S+1)^{.7}}{1900\ Y^{0.5}}$$

Where:
l=hydraulic length of the basin in feet
S=1000 - 10 (CN + Runoff Curve No.)
Y=Watershed slope in percent

Channel routing for the main water course between subarea combining points was based on the HEC-2 (Reference 5) water-surface profile computations which establishes a relationship between storage and discharge for each channel reach. Normal depth calculations were used to determine storage-discharge relationship for nonsurveyed tributary streams between subbasins. The modified Puls Method from HEC-1 (Reference 6) was used to route through each subbasin reach.

Verification of Procedure

Flows computed by the rainfall-runoff procedures previously described were verified for ungaged urban streams by the utilization of the District's flood frequency curves for Metro Atlanta. Flows for gaged streams were compared to station frequency curves at specific locations on each stream.

Since the peak of the hydrograph is attenuated based on storage in the routing reach and the lag time of the hydrograph, peak discharges downstream may be lower than upstream discharges. Timing of local inflows is also a contributing factor.

A summary of drainage area-peak discharge relationships for the streams studied in detail are shown in Table 3, "Summary of Discharges".

TABLE 3 - SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (sq. miles)	PEAK DISCHARGES (cfs)			
		10-YEAR	50-YEAR	100-YEAR	500-YEAR
BARBASHELA CREEK					
At mouth	9.07	2,279	3,463	3,834	5,138
Cross section F	7.37	2,091	3,168	3,488	4,605
Cross Section L	6.48	2,058	3,088	3,376	4,412
Cross Section O	5.15	1,871	2,725	2,981	3,913
Cross Section T	3.85	1,788	2,701	3,039	4,158
Cross Section V	2.46	1,181	1,687	1,911	2,576
BARBASHELA CREEK TRIBUTARY A					
At mouth	0.97	464	705	788	1,077
BLUE CREEK					
At mouth	2.28	625	990	1,122	1,619
Downstream of River Road	1.63	646	1,112	1,281	1,900
Downstream of Lake	0.89	585	1,097	1,185	1,776
BURNT FORK CREEK					
300 feet above Cooledge Road	0.66	330	519	605	828
2000 feet above Montreal Road	1.19	737	1,098	1,257	1,669
1000 feet below Frazier Road	2.53	1,665	2,456	2,797	3,653
Near Shamrock High School	3.49	1,875	2,853	3,276	4,344
500 feet before Druid Hills Road	4.42	1,570	2,311	2,641	3,493
Mouth of Southfork	5.06	1,528	2,232	2,547	3,367
CAMP CREEK					
DeKalb/Gwinnett County Line	2.45	896	1,390	1,615	2,195
DeKalb/Gwinnett County Line	2.46	1,749	2,510	2,760	3,619
Section A	1.32	980	1,397	1,532	1,992
Section E	0.65	702	1,010	1,113	1,470
CAMP CREEK TRIBUTARY A					
At mouth	0.75	574	826	912	1,205
CLARKS CREEK					
At mouth	5.53	2,350	3,650	4,117	5,753
Confluence of Corn Creek	4.68	2,204	3,433	3,869	5,416
Upstream of Corn Creek	1.89	846	1,308	1,471	2,057

TABLE 3 - SUMMARY OF DISCHARGES - conitnued

COBBS CREEK					
At mouth	9.77	3,786	5,406	5,961	7,772
At Cross Section D	9.14	3,828	5,491	6,042	7,883
Below Rainbow Drive	7.54	3,440	4,872	5,333	6,872
Above Fowler Bridge, below I-285	4.66	2,280	3,041	3,308	3,971
Above Glenwood Road	3.09	2,060	2,900	3,190	4,241
Below Brookfield Lane	2.16	1,511	2,080	2,270	2,948
Above Alverdo Way	1.36	1,004	1,385	1,520	2,042
Below Memorial Drive	0.86	700	1,039	1,154	1,553
CONLEY CREEK					
At mouth	15.35	3,417	4,934	5,449	7,476
At Cross Section E	14.73	3,384	4,896	5,402	7,431
At Cross Section I	13.83	3,360	4,849	5,347	7,331
Station 14,125	11.00	3,245	4,679	5,171	6,855
Below Ellingwood Road	10.13	3,233	4,634	5,118	6,788
At Cross Section Y	8.17	3,061	4,340	4,778	6,292
At Cross Section AD	7.06	3,006	4,216	4,627	6,055
Below East Conley Road	5.94	2,812	3,936	4,322	5,664
CORN CREEK					
At mouth	2.79	1,401	2,197	2,478	3,469
Flakes Mill Road	2.47	1,278	2,015	2,270	3,168
Downstream of County Line	1.44	855	1,352	1,525	2,133
CROOKED CREEK TRIBUTARY, STONE MOUNTAIN					
At mouth	8.51	1,269	2,278	2,684	4,332
At Cross Section I	6.70	1,021	1,904	2,262	3,850
Alford Road	5.73	1,103	1,805	2,057	3,669
Above Tributary A	2.26	990	1,590	1,801	2,550
At Cross Section W	1.32	784	1,255	1,420	2,004
CROOKED CREEK TRIBUTARY A					
At mouth	2.85	368	1,085	1,400	2,475
At Mystery Valley Dam	2.75	846	1,739	1,946	2,921
At Mystery Valley Golf Course Drive	0.86	588	863	957	1,282
CROOKED CREEK TRIBUTARY A-1					
At Cross Section A	1.18	636	999	1,128	1,582

TABLE 3 - SUMMARY OF DISCHARGES - continued

CROOKED CREEK, (SOUTH RIVER)					
At mouth	4.00	877	1,458	1,676	2,543
At Cross Section D	2.71	738	1,170	1,322	1,885
At Klondike Road	1.82	442	725	873	1,383
Below South Goddard Road	1.29	715	1,140	1,288	1,814
At South Goddard Road	0.78	445	700	789	1,101
DOLESS CREEK					
At mouth	1.31	1,020	1,413	1,547	2,002
Upstream of I-285	1.04	875	1,220	1,340	1,740
DOOLITTLE CREEK					
At mouth	6.88	2,671	3,513	3,808	4,870
Above Doless Creek	5.57	2,238	2,923	3,160	3,984
Below Tributary A	4.69	2,696	3,598	3,935	4,922
Above Tributary A	4.26	2,432	3,230	3,532	4,400
Below I-20	3.62	2,370	3,199	3,473	4,226
Below Tributary B	3.15	1,999	2,628	2,825	3,529
Above Tributary B	2.43	1,224	1,551	1,692	2,223
Pinewood Drive	1.39	694	1,006	1,114	1,499
Barberrie Lane	0.82	252	539	695	1,139
DOOLITTLE CREEK TRIBUTARY A					
At mouth of Tributary A	0.43	422	594	651	849
DOOLITTLE CREEK TRIABUTARY B					
At mouth of Tribuary B	0.72	794	1,115	1,222	1,590
FOWLER BRANCH					
At mouth	2.88	1,262	1,969	2,214	3,071
Below Snapfinger Road	2.13	797	1,268	1,430	2,013
Above Snapfinger Road	1.77	675	1,071	1,204	1,632
Above Wedgefield Circle	1.39	580	921	1,039	1,414
Below Glenwood Avenue	0.65	325	498	558	766
HENDERSON MILL CREEK					
At mouth	1.69	830	1,189	1,310	1,730
HONEY CREEK					
At mouth	4.01	1,830	2,859	3,191	4,415
Hayden Quarry Road	2.72	1,495	2,237	2,488	3,385
Below Turner Hill Road	2.09	1,008	1,521	1,697	2,313
At Cross Section K	1.00	604	922	1,032	1,414

TABLE 3 - SUMMARY OF DISCHARGES - continued

HONEY CREEK TRIBUTARY A					
At mouth	1.49	303	476	538	803
INDIAN CREEK					
At mouth	4.62	3,166	4,604	5,089	6,848
Station 2150	4.38	3,358	4,804	5,304	6,874
At Cross Section D	3.26	2,580	3,688	4,060	5,345
Downstream of Memorial Drive	2.82	2,831	4,005	4,392	5,792
Downstream of Rockbridge Road	2.07	2,125	3,022	3,323	4,389
Downstream of Decatur Road	0.84	713	1,019	1,122	1,479
INDIAN CREEK TRIBUTARY A					
At mouth	0.75	725	1,037	1,142	1,505
INTRENCHMENT CREEK					
At mouth	11.06	6,034	8,244	8,963	11,474
At Cross Section M	9.60	5,787	7,893	8,600	11,021
Upstream of Tributary A	7.07	5,029	6,846	7,447	9,491
INTRENCHMENT CREEK TRIBUTARY A					
At mouth	1.21	1,310	1,829	2,002	2,596
JOHNSON CREEK					
At mouth	1.60	560	1,025	1,229	1,777
Below dam	0.79	275	527	658	965
LITTLE STONE MOUNTAIN CREEK					
At mouth	2.45	1,093	1,699	1,892	2,593
At Lilburn Road	1.25	784	1,178	1,314	1,800
NANCY CREEK					
At mouth	40.2	5,710	9,485	11,153	15,692
West Paces Ferry Road	38.1	5,799	9,536	11,193	15,767
County Line (downstream crossing)	23.6	5,344	9,151	10,933	15,691
County Line (upstream crossing)	17.9	4,900	7,700	8,300	17,600
Ashford-Dunwoody Road	14.1	3,288	5,667	6,784	9,794
North Shallowford Road	7.2	1,899	3,302	3,957	5,715
NANCY CREEK TRIBUTARY A					
At mouth	3.07	1,480	2,027	2,214	2,897
Above Reachford Road	2.57	1,423	2,025	2,227	2,942
At Peeler Road	2.07	1,260	1,789	1,969	2,591
Below Vermack Road	0.64	489	693	762	997

TABLE 3 - SUMMARY OF DISCHARGES - continued

NANCY CREEK TRIBUTARY B					
At mouth	1.75	1,197	1,576	1,709	2,267
Upstream of Plantation Lane	1.44	1,079	1,496	1,633	2,179
Upstream of Admiral Drive	1.02	798	1,102	1,203	1,549
NANCY CREEK TRIBUTARY C					
At mouth	1.32	1,827	2,529	2,764	3,544
At Donaldson Drive	1.07	1,716	2,332	2,538	3,241
Below Keswick Drive	0.61	1,204	1,595	1,725	2,167
NANCY CREEK TRIBUTARY D					
At mouth	1.49	1,223	1,667	1,807	2,298
Below Silver Lake	1.10	1,277	1,786	1,956	2,540
Below Ashford-Dunwoody Road	0.59	736	1,020	1,114	1,438
NORTH FORK NANCY CREEK					
At mouth	2.48	773	1,206	1,527	3,191
Above Murphy-Candler Lake	1.73	1,335	1,924	2,117	2,787
East of Perimeter Center	0.83	437	704	797	1,129
NORTH FORK PEACHTREE CREEK					
Fulton/DeKalb County Line	38.6	5,094	7,868	8,983	12,429
At Clairmont Road	28.4	5,443	8,442	9,826	12,719
At Shallowford Road	19.2	4,041	7,165	8,586	12,719
Below Henderson Creek	18.1	3,980	7,033	8,482	12,465
At Chamblee-Tucker Road	11.0	2,598	4,673	5,694	8,487
Below Pleasantdale Road	5.48	1,493	2,760	3,363	4,998
NORTH FORK PEACHTREE CREEK TRIBUTARY A					
At mouth	3.39	1,843	2,495	2,685	3,358
Below Drew Valley Road	2.33	1,239	1,655	1,774	2,204
900 feet upstream of Drew Valley Road	1.73	836	1,176	1,290	1,681
Below Dresden Drive	1.19	541	755	827	1,073
Duke Road	0.69	566	776	845	1,083

TABLE 3 - SUMMARY OF DISCHARGES - continued

TRIBUTARY B					
At mouth	3.15	1,993	2,614	2,830	3,698
Below Capehart Circle	2.76	1,819	2,397	2,596	3,432
Above Plaster Road	2.11	1,707	2,300	2,497	3,170
TRIBUTARY C					
At mouth	1.06	690	945	1,030	1,315
1700 feet downstream of Archwood Drive	0.59	419	578	631	811
TRIBUTARY D					
At mouth	2.55	1,454	2,137	2,371	3,156
Below Lake La Lera	2.34	1,544	2,230	2,454	3,208
PANTHERS BRANCH					
At mouth	2.51	1,071	1,607	1,880	2,691
At Zinzendorf Drive	1.84	1,033	1,562	1,772	2,417
Rock Springs Road	1.60	898	1,346	1,498	1,986
Below Thompson Mill Road	1.02	663	952	1,049	1,385
PEACHTREE BRANCH					
At mouth	5.83	2,192	3,293	3,675	5,002
Downstream of confluence with Henderson Mill Creek	5.26	2,501	3,605	3,995	5,376
Upstream of confluence with Henderson Mill Creek	3.57	1,725	2,506	2,769	3,695
Below Henderson Mill Road	3.23	1,694	2,403	2,647	3,516
At Cross Section L	1.30	839	1,163	1,272	1,642
PEAVINE CREEK					
At mouth of Southfork	5.92	3,291	4,893	5,609	7,448
300 feet below Decatur Road	2.21	1,731	2,535	2,903	3,834
200 feet below Seaboard Coast Line Railroad	0.85	815	1,193	1,359	1,781

TABLE 3 - SUMMARY OF DISCHARGES - continued

POLE BRIDGE CREEK					
At mouth	21.79	3,834	6,425	7,438	10,847
Above Stephenson Creek	18.41	3,603	5,748	6,526	9,298
At Cross Section H	17.20	3,969	6,165	6,961	9,779
At Cross Section D	14.50	4,165	6,411	7,170	9,876
At Rock Springs Road	13.17	3,374	5,110	5,693	8,029
Above Pole Bridge Creek Tributary A	10.40	3,002	4,554	5,071	7,104
Above Stewart Lake Tributary	9.61	2,930	4,438	4,938	6,897
At Cross Section AL	4.20	1,416	2,196	2,419	3,156
At Hillvale Road	3.90	1,572	2,370	2,567	3,338
Section AS	3.18	1,797	2,722	3,011	4,104
Below Welbourne Road	2.57	1,510	2,210	2,456	3,332
Below Marbut Road	1.63	989	1,391	1,530	2,029
POLE BRIDGE CREEK TRIBUTARY A					
At mouth	2.19	1,414	2,067	2,317	3,155
Below Farrington Road	1.60	807	1,274	1,428	1,947
Above I-20	0.87	451	688	770	1,058
Above Hillandale Drive	0.59	240	403	461	667
POLE BRIDGE CREEK TRIBUTARY B					
At mouth	3.34	1,958	2,933	3,280	4,468
Confluence with Tributary	2.66	1,795	2,687	2,976	3,978
Above Tributary	2.04	1,388	2,083	2,306	3,075
SHOAL CREEK					
At mouth	19.64	4,990	7,154	7,893	10,627
Below Columbia Drive	8.97	2,964	4,287	4,712	5,984
At Cross section J	8.29	3,671	5,282	5,664	6,799
Downstream I-20	7.12	3,521	5,122	5,427	6,505
At Cross Section V	5.44	2,921	4,308	4,529	5,062
Downstream of Glenwood Road	4.87	2,886	4,221	4,609	5,276
At Memorial Drive	3.13	2,187	3,281	3,705	5,123
Midway Road	1.46	1,206	1,765	1,954	2,610

TABLE 3 - SUMMARY OF DISCHARGES - continued

SNAPFINGER CREEK					
At mouth	38.53	6,175	9,263	10,367	14,236
Below Panthers Branch	36.98	6,173	9,395	10,519	14,308
Above Panthers Branch	34.47	6,072	9,250	10,363	14,104
Above Snapfinger Tributary A	33.03	5,991	9,153	10,268	13,984
Above Snapfinger Tributary F	31.32	6,081	9,325	10,419	14,138
Above I-20	30.82	6,739	10,069	11,061	15,083
Below Clear Lake Tributary	27.82	7,444	10,880	12,059	16,396
Below Barbashela Creek	26.22	7,237	10,704	11,896	16,119
Above Barbashela Creek	17.15	5,296	7,585	8,380	11,197
Above Lake Tolani Tributary	15.10	5,453	8,094	8,937	11,951
Below Indian Creek	13.00	5,353	7,857	8,723	11,794
Above Indian Creek	8.38	2,612	3,815	4,224	5,951
Above Unnamed Tributary	7.19	2,423	3,530	3,912	5,505
Above Snapfinger Creek Tributary C	4.62	1,678	2,399	2,662	3,916
At Pine Lake-Beaver Road	3.08	1,297	1,962	2,217	3,178
At Pine Lake	2.75	1,430	2,110	2,341	3,154
Above Anderson Road	1.05	692	995	1,097	1,448
SNAPFINGER CREEK TRIBUTARY A					
At mouth	1.24	450	724	832	1,104
Below Dam #4	1.11	479	854	899	1,189
Below Dam #2	0.94	491	734	825	1,137
SNAPFINGER CREEK TRIBUTARY B					
At mouth	1.03	791	1,165	1,292	1,732
Below Dam	0.59	599	882	978	1,312
SNAPFINGER CREEK TRIBUTARY C					
At mouth	2.20	1,019	1,516	1,695	2,558
Below Memorial College Avenue	1.33	849	1,257	1,395	1,919
Below Dunleith Road	0.90	592	871	964	1,291
At Cross Section K	0.54	207	420	494	892

TABLE 3 - SUMMARY OF DISCHARGES - continued

SNAPFINGER CREEK TRIBUTARY D					
At mouth	0.99	650	952	1,054	1,409
Below Abingdon Drive	0.30	453	664	735	982
SNAPFINGER CREEK TRIBUTARY E					
At mouth	0.85	603	879	972	1,296
SOUTH FORK PEACHTREE CREEK					
At Cheshire Bridge Road	30.40	4,845	7,390	8,728	12,044
At County Line	29.54	4,807	7,342	8,755	11,865
At Johnson Mill Road	28.50	4,489	6,802	7,890	10,694
Below Peavine Creek	27.28	4,296	6,509	7,516	10,104
Above Peavine Creek	21.37	2,689	4,382	5,158	7,154
Below Burnt Fork Creek	19.07	4,152	6,467	7,552	10,352
Above Burnt Fork Creek	14.0	2,771	4,469	5,271	7,326
Lawrenceville Highway	9.1	1,409	2,187	2,464	3,288
At Montreal Road	6.1	1,876	3,116	3,686	5,196
SOUTH FORK PEACHTREE CREEK TRIBUTARY A					
At mouth	0.91	298	446	503	704
SOUTH FORK PEACHTREE CREEK TRIBUTARY B					
At mouth	0.85	243	368	417	590
SOUTH FORK PEACHTREE CREEK TRIBUTARY C					
At mouth	1.91	560	767	894	1,108
Above Scott Boulevard	1.50	687	987	1,103	1,509
Below North Decatur Road	1.26	495	705	787	1,074
SOUTH RIVER					
Below Flakes Mill Road	99	8,060	11,400	12,800	16,400
Below Bouldercrest Road	41.5	5,530	8,210	9,440	12,500
SOUTH RIVER TRIBUTARY A					
At mouth	1.21	572	831	918	1,519
Downstream of dam	1.07	551	799	883	1,455
Above Lake	0.76	567	828	912	1,203

TABLE 3 - SUMMARY OF DISCHARGES - continued

STEPHENSON CREEK					
At mouth	3.38	931	1,313	1,444	1,854
At Cross Section E	2.80	1,008	1,440	1,593	2,069
Above South Goddard Road	2.27	1,134	1,784	2,012	2,802
North Goddard Road	1.23	606	957	1,067	1,465
Arabia Lake	0.79	359	575	642	900
STONE MOUNTAIN CREEK					
At mouth	28.84	2,180	3,758	4,411	6,929
Above Crooked Creek	18.82	1,200	2,080	2,432	3,599
Above Stone Mountain Creek Tributary A	16.19	1,076	1,859	2,172	3,213
At Cross Section X	14.88	1,029	1,765	2,053	3,034
Above Stone Mountain Dam	13.73	6,297	9,712	10,917	15,174
At Upper end of lake	4.35	1,624	2,283	2,515	3,052
Upstream of Silver Hill Road	2.82	1,702	2,540	2,828	3,941
STONE MOUNTAIN CREEK TRIBUTARY A					
At mouth	1.53	493	814	926	1,340
SUGAR CREEK					
At mouth	9.31	2,512	3,571	3,926	5,265
At Clifton Church Road	8.65	2,833	4,007	4,394	6,182
At Cross Section S	7.78	3,916	5,396	6,132	8,128
At Cross Section Z	7.03	4,653	6,237	6,778	8,633
At I-20	5.68	4,301	5,767	6,265	8,009
At Cross Section AS	4.81	4,869	6,856	7,501	9,634
Confluence of Sugar Creek Tributary A	2.87	3,504	4,965	5,445	7,034
At Glenwood Avenue	2.36	3,150	4,283	4,663	5,944
SUGAR CREEK TRIBUTARY A					
At mouth	1.74	1,585	2,182	2,359	3,004
SWIFT CREEK					
At mouth	7.41	1,822	3,088	3,553	5,099
At Cross Section C	6.98	1,767	2,979	3,399	4,882
At Rock Chapel Road	5.68	1,550	2,525	2,896	4,064
At Railroad Spur	2.96	674	1,184	1,361	2,016
At Cross Section M	2.14	738	1,255	1,427	1,975
Below Rogers Lake Road	1.35	589	919	1,022	1,389

TABLE 3 - SUMMARY OF DISCHARGES - continued

SWIFT CREEK TRIBUTARY A					
At mouth	2.72	893	1,364	1,536	2,082
At Abandoned Railroad Spur	2.48	829	1,241	1,383	1,880
At Cross Section E	1.22	349	549	618	862
Below Rogers Lake	0.60	175	275	310	430
TOM GEORGE PINE MOUNTAIN CREEK					
At County line	3.28	1,470	2,223	2,522	3,578
Below dam	3.16	1,362	2,199	2,473	3,450
Above lake	2.59	1,092	1,747	1,967	2,757
Below Pine Mountain Creek	2.37	1,081	1,683	1,892	2,650
At mouth	1.70	845	1,285	1,440	1,985
At Cross Section B	1.20	684	1,030	1,150	1,570
At Cross Section D	0.79	524	774	860	1,155
YELLOW RIVER					
DeKalb/Rockdale County Line	187	10,640	16,440	18,470	24,570
Section T	160	8,750	13,100	14,800	19,300
NANCY CREEK TRIBUTARY NO. 1					
City Line	0.76	570	825	950	1,250

3.2 Hydraulic Analyses

Analyses of the hydraulic characteristics of the flooding sources studied in detail in DeKalb County were carried out to provide estimates of the elevations of floods of the selected recurrence intervals along each of the flood sources.

Cross sections for the backwater analysis were compiled by a combination of photogrammetric and field survey methods at selected intervals to model conveyance of the valleys and field surveyed just upstream or downstream of bridges and culverts in order to complete the significant backwater effects of such structures.

Location of selected cross sections used in the hydraulic analysis are shown on the Flood Profiles (Exhibit 1). For stream segments for which a floodway is computed, selected cross section locations are also shown on the Flood Boundary and Floodway Map, (Exhibit 3).

Channel roughness factors (Mannings "n") for these computations were assigned on the basis of field inspection of the flood plain areas studied and they ranged from 0.03 to 0.08. The roughness factors used for the overbank areas ranged from 0.08 to 0.15.

Flood profiles were drawn showing computed water-surface elevations to an accuracy of 0.5 foot for floods of the selected recurrence intervals (Exhibit 1). Water-surface elevations of floods of the selected recurrence intervals were developed using the COE HEC-2 step-backwater computer program (Reference 5).

Starting water-surface elevations for the stream were based on slope area methods utilized in HEC-2 (Reference 5). All elevations are referenced from the National Geodetic Vertical Datum of 1929, (NGVD) formerly referred to as Sea Level Datum of 1929; elevation reference marks used in this study are shown and described on the maps.

The hydraulic analyses for this study were based on unobstructed flow. The flood elevations shown on the profiles are thus considered valid only if hydraulic structures remain unobstructed.

4.0 FLOOD PLAIN MANAGEMENT APPLICATIONS

The National Flood Insurance Program encourages state and local governments to adopt sound flood plain management programs. Therefore, each Flood Insurance Study includes a flood boundary map designed to assist communities in developing sound flood plain management measures.

4.1 Flood Boundaries

In order to provide a national standard without regional discrimination, the 100-year flood has been adopted by FEMA as the base flood for purposes of flood plain management measures. The 500-year flood is employed to indicate additional areas of flood risk in the community. For each stream studied in detail, the boundaries of the 100- and the 500-year floods have been delineated using the flood elevations determined at each cross section; between cross sections, the boundaries were interpolated using topographic maps at a scale of 1" = 400' with a contour interval of five feet. In cases where the 100- and the 500-year flood boundaries are close together, only the 100-year boundary has been shown.

The boundaries of the 100- and 500-year floods are shown on the Flood Boundary and Floodway Map (Exhibit 3). Small areas within the flood boundaries may lie above the flood elevation, and therefore, may not be subject to flooding. Owing to limitation of the map scale and/or lack of detailed topographic data, such areas are not shown.

4.2 Floodways

Encroachment on flood plains, such as artificial fill, reduces the flood-carrying capacity, increases the flood heights of streams, and increases flood hazards in areas beyond the encroachment itself. One aspect of flood plain management involves balancing the economic gain from flood plain development against the resulting increase in flood hazard. For purposes of the National Flood Insurance Program, the concept of a floodway is used as a tool to assist local communities in this aspect of flood plain management. Under this concept, the area of the 100-year flood is divided into a floodway and a floodway fringe. The floodway is the channel of a stream plus any adjacent flood plain areas that must be kept free of encroachment in order that the 100-year flood may be carried without substantial increases in flood heights. Minimum standards of FEMA limit such increases in flood heights to 1.0 foot, provided that hazardous velocities are not produced. The floodways in this report are presented to local agencies as minimum standards that can be adopted or that can be used as a basis for additional studies.

Floodways were not computed on all streams. It was decided at an initial meeting that computation of floodways on several streams where development is extensive would serve no purpose.

The floodways presented in this study were computed on the basis of equal conveyance reduction from each side of the flood plain. The results of these computations were tabulated at selected cross sections for each stream segement for which a floodway was computed (Table 4).

As shown on the Flood Boundary and Floodway Map (Exhibit 3), the floodway widths were determined at cross sections; between cross sections, the boundaries were interpolated. In cases where the boundaries of the floodway and the 100-year flood are either close together or collinear, only the floodway boundary has been shown.

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
						(FEET NGVD)		
Barbashela Creek								
A	930	294	1,285	3.0	818.0	813.7[2]	814.7[2]	1.0
B	2,150	321	1,487	2.6	818.0	816.8[2]	817.8[2]	1.0
C	3,760	298	1,268	3.0	821.3	821.3	821.9	0.6
D	6,185	210	954	4.0	826.8	826.8	827.0	0.2
E	6,475	320	1,988	1.9	829.3	829.3	829.4	0.1
F	7,720	228	817	4.3	830.4	830.4	831.4	1.0
G	9,025	435	1,734	2.0	835.2	835.2	835.7	0.5
H	10,600	243	1,054	3.3	837.8	837.8	838.7	0.9
I	10,800	197	573	6.1	839.5	839.5	839.5	0.0
J	10,980	311	1,350	2.6	841.7	841.7	841.7	0.0
K	11,790	462	2,215	1.6	842.7	842.7	842.7	0.0
L	11,990	298	1,495	2.3	844.2	844.2	844.2	0.0
M	12,700	627	3,328	1.0	846.2	846.2	846.2	0.0
N	13,500	546	2,541	1.3	846.5	846.5	846.5	0.0
O	14,080	455	2,454	1.2	848.3	848.3	848.3	0.0
P	14,360	300	1,676	1.8	848.6	848.6	848.6	0.0
Q	15,270	265	1,031	2.9	849.1	849.1	849.3	0.2
R	16,020	400	1,081	2.8	850.6	850.6	851.6	1.0
S	16,172	314	2,117	1.4	855.7	855.7	855.7	0.0
T	17,430	313	912	3.3	855.8	855.8	856.6	0.8
U	18,910	209	825	3.7	862.3	862.3	862.4	0.1
V	20,200	183	399	4.8	867.6	867.6	868.3	0.7
W	20,780	150	321	6.0	873.2	873.2	873.5	0.3
X	21,570	150	485	3.9	878.7	878.7	879.3	0.6
Y	22,830	158	731	2.6	881.6	881.6	882.5	0.9
Z	23,030	278	1,851	1.0	886.6	886.6	887.6	1.0

[1] Feet above mouth.

[2] Elevations computed without consideration of backwater effects.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

BARBASHELA CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NGVD)	WITHOUT FLOODWAY (FEET NGVD)	WITH FLOODWAY (FEET NGVD)	INCREASE
Barbashela Creek (continued)								
AA	23,170	152	1,004	1.9	886.6	886.6	887.6	1.0
AB	24,090	106	271	7.0	888.4	888.4	889.1	0.7
AC	24,690	142	484	4.0	892.4	892.4	893.3	0.9
Barbashela Creek Tributary A								
A	227	48	148	5.3	829.1	823.9[2]	824.9[2]	1.0
B	510	49	119	6.6	829.1	826.2[2]	826.2[2]	0.0
C	1,221	50	134	5.9	832.7	832.7	833.1	0.4
D	1,410	50	116	6.8	834.8	834.8	835.0	0.2
E	1,620	50	129	6.1	836.9	836.9	837.3	0.4
F	3,335	47	173	4.6	871.7	871.7	871.9	0.2
G	3,457	50	227	3.5	875.8	875.8	875.8	0.0
H	4,160	53	94	8.3	887.8	887.8	887.8	0.0
Blue Creek								
A	3,446	384	1,183	0.9	760.4	759.0[2]	759.0[2]	0.0
B	5,345	60	167	6.7	760.4	759.6[2]	760.6[2]	1.0
C	7,392	175	670	1.9	767.4	767.4	768.3	0.9
D	7,539	100	878	1.5	773.0	773.0	773.0	0.0
E	8,175	100	707	1.8	773.0	773.0	773.1	0.1
F	8,330	233	1,479	0.9	776.1	776.1	776.1	0.0
G	9,665	144	481	2.7	776.4	776.4	776.4	0.0
H	11,865	76	169	7.0	789.7	789.7	789.7	0.0
I	13,680	50	206	5.8	810.8	810.8	811.2	0.4

[1] Feet above mouth.
[2] Elevations computed without consideration of backwater effects.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOODWAY DATA

BARBASHELA CREEK-BARBASHELA CREEK TRIBUTARY A-BLUE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY (FEET NGVD)	WITH FLOODWAY (FEET NGVD)	INCREASE
Burnt Fork Creek								
A	452	*	*	*	885.3	885.3	*	*
B	896	*	*	*	888.8	888.8	*	*
C	2,460	*	*	*	893.5	893.5	*	*
D	4,440	*	*	*	903.9	903.9	*	*
E	5,470	*	*	*	909.2	909.2	*	*
F	6,980	*	*	*	914.5	914.5	*	*
G	8,500	*	*	*	920.8	920.8	*	*
H	9,820	*	*	*	928.5	928.5	*	*
I	10,945	*	*	*	933.2	933.2	*	*
J	13,190	*	*	*	941.1	941.1	*	*
K	14,250	*	*	*	947.4	947.4	*	*
L	15,730	*	*	*	951.1	951.1	*	*
M	16,865	*	*	*	960.4	960.4	*	*
N	18,250	*	*	*	966.0	966.0	*	*
O	20,109	*	*	*	974.3	974.3	*	*
P	21,645	*	*	*	983.0	983.0	*	*
Q	22,450	*	*	*	983.2	983.2	*	*
R	24,410	*	*	*	993.7	993.7	*	*
S	26,004	*	*	*	998.0	998.0	*	*
T	26,580	*	*	*	1004.0	1004.0	*	*
U	29,778	*	*	*	1023.3	1023.0	*	*
Camp Creek								
A	000	59	624	2.6	950.1	950.1	951.1	1.0
B	1,740	99	379	4.3	953.6	953.6	954.3	0.7

[1] Feet above mouth for Burnt Fork Creek; Feet above county limit for Camp Creek

*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOODWAY DATA

BURNT FORK CREEK-CAMP CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Camp Creek (continued)								
C	3,735	100	364	4.4	967.1	967.1	967.8	0.7
D	3,970	100	941	1.7	974.8	974.8	974.8	0.0
E	6,235	64	168	9.6	985.6	985.6	985.6	0.0
Camp Creek Tributary A								
A	25	54	183	5.0	951.2	944.2[2]	945.2[2]	1.0
B	200	64	236	3.9	951.2	945.6[2]	946.6[2]	1.0
C	288	50	313	2.9	951.2	946.3[2]	946.9[2]	0.6
D	1,528	180	170	5.4	953.0	953.0	953.0	0.0
E	1,943	100	285	3.2	955.7	955.7	956.2	0.5
Clarks Creek								
A	000	91	578	7.1	719.2	713.9[2]	714.9[2]	1.0
B	360	100	760	5.4	719.2	716.0[2]	716.6[2]	0.6
C	1,760	100	689	6.0	720.3	720.3	720.5	0.2
D	3,215	100	710	5.8	725.1	725.1	725.7	0.6
E	3,485	101	912	4.5	727.4	727.4	727.6	0.2
F	4,330	248	1,523	2.7	728.7	728.7	729.3	0.6
G	6,305	77	481	8.0	732.7	732.7	733.6	0.9
H	6,575	100	685	5.6	735.4	735.4	735.7	0.3
I	7,050	82	229	6.4	737.0	737.0	737.2	0.2
Cobbs Creek								
A	1,345	130	855	7.0	756.1	753.3[2]	754.3[2]	1.0
B	2,060	328	1,708	3.5	756.1	756.2[2]	757.1	0.9

[1] Feet above county limit for Camp Creek; Feet above mouth for Camp Creek Tributary A. Clark Creek and Cobbs Creek.

[2] Elevations computed without consideration of backwater effects.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOODWAY DATA

CAMP CREEK-CAMP CREEK TRIBUTARY A-CLARKS CREEK-COBBS CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Cobbs Creek (continued)								
C	3,530	140	602	9.9	760.7	760.7	760.9	0.2
D	5,400	160	868	7.0	773.9	773.9	773.9	0.0
E	6,655	193	1,051	5.7	779.1	779.1	779.2	0.1
F	7,245	136	973	6.2	780.9	780.9	780.9	0.0
G	9,685	200	966	6.3	787.4	787.4	787.7	0.3
H	10,605	153	762	7.0	790.2	790.2	790.7	0.5
I	11,595	250	1,308	4.1	793.8	793.8	793.9	0.1
J	12,740	292	2,102	2.5	798.9	798.9	799.2	0.3
K	13,910	410	1,932	2.8	799.5	799.5	800.1	0.6
L	15,999	148	1,256	2.6	815.5	815.5	815.5	0.0
M	17,065	64	283	11.7	834.3	834.3	834.3	0.0
N	18,685	65	421	7.9	846.1	846.1	846.8	0.7
O	19,565	90	605	5.5	848.7	848.7	849.5	0.8
P	20,370	85	459	7.2	850.8	850.8	851.1	0.3
Q	20,680	66	386	8.6	852.1	852.1	852.2	0.1
R	21,100	82	286	11.0	855.4	855.4	855.4	0.0
S	22,270	196	828	4.0	863.0	863.0	863.0	0.0
T	24,470	191	571	5.8	869.3	869.3	869.3	0.0
U	25,300	255	592	5.4	871.7	871.7	871.7	0.0
V	26,670	125	431	5.3	878.8	878.8	878.8	0.0
W	27,375	99	256	8.9	882.2	882.2	882.2	0.0
X	27,585	145	662	3.4	887.0	887.0	887.0	0.0
Y	27,810	123	344	6.6	889.5	889.5	889.6	0.1
Z	29,968	175	373	6.1	904.9	904.9	905.0	0.1
AA	30,142	300	1,747	1.3	909.5	909.5	909.5	0.0
AB	31,005	187	430	3.5	909.6	909.6	909.8	0.2

[1] Feet above mouth.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOODWAY DATA

COBBS CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Cobbs Creek (continued)								
AC	32,400	178	339	4.5	918.3	918.3	918.3	0.0
AD	33,110	201	640	2.4	926.3	926.3	926.3	0.0
AE	33,585	185	330	4.6	931.2	931.2	931.2	0.0
AF	34,105	100	565	2.7	931.8	931.8	932.3	0.5
AG	34,630	75	626	2.4	938.1	938.1	938.1	0.0
AH	35,165	70	188	6.2	942.0	942.0	942.0	0.0
Conley Creek								
A	995	226	1,629	3.3	744.9	739.7[2]	740.7[2]	1.0
B	1,370	59	485	11.2	744.9	739.8[2]	740.7[2]	0.9
C	1,500	79	763	7.1	744.9	744.7[2]	744.7[2]	0.0
D	2,300	200	2,260	2.4	747.6	747.6	747.6	0.0
E	3,600	200	2,221	2.4	747.9	747.9	748.3	0.4
F	4,915	350	2,988	1.8	748.5	748.5	749.2	0.7
G	6,500	178	1,083	5.0	750.3	750.3	750.5	0.2
H	7,245	136	1,286	4.2	752.8	752.8	752.8	0.0
I	7,785	123	1,037	5.2	753.3	753.3	753.5	0.2
J	8,495	157	693	7.7	754.3	754.3	754.5	0.2
K	9,645	160	1,672	3.2	759.6	759.6	759.6	0.0
L	10,795	200	1,541	3.5	760.6	760.6	760.6	0.0
M	11,790	123	911	5.9	761.9	761.9	762.0	0.1
N	13,020	200	1,672	3.2	765.5	765.5	765.6	0.1
O	15,055	417	1,986	2.6	766.0	766.0	766.6	0.6
P	16,790	259	1,741	3.0	769.2	769.2	769.3	0.1
Q	17,355	220	1,746	3.0	769.8	769.8	770.1	0.3
R	18,198	248	1,637	3.1	770.6	770.6	771.3	0.7

[1] Feet above mouth.

[2] Elevations computed without consideration of backwater effects.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

COBBS CREEK-CONLEY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Conley Creek (continued)								
S	18,311	200	1,397	3.7	771.0	771.0	771.4	0.4
T	21,015	200	1,632	3.1	775.2	775.2	775.8	0.6
U	21,353	63	841	6.1	775.5	775.5	776.1	0.6
V	21,497	64	844	6.1	776.7	776.7	777.4	0.7
W	21,915	400	3,661	1.4	777.6	777.6	778.2	0.6
X	23,055	865	6,772	0.8	777.9	777.9	778.6	0.7
Y	24,565	608	2,665	1.8	778.2	778.2	778.9	0.7
Z	25,080	691	3,761	1.3	778.7	778.7	779.5	0.8
AA	26,135	800	4,097	1.2	779.2	779.2	780.2	1.0
AB	27,885	214	722	6.6	789.8	789.8	790.3	0.5
AC	28,680	575	3,967	1.2	792.4	792.4	793.2	0.8
AD	29,680	917	5,132	0.9	792.9	792.9	793.6	0.7
AE	30,760	300	1,643	2.8	793.7	793.7	794.2	0.5
AF	32,295	700/280[2]	2,937	1.6	796.3	796.3	797.3	1.0
AG	34,175	540/330[2]	1,177	3.9	798.7	798.7	799.6	0.9
AH	34,933	500/140[2]	1,992	2.2	807.2	807.2	807.2	0.0
AI	35,855	277	788	5.5	809.5	809.5	809.5	0.0
Corn Creek								
A	1,250	55	353	7.0	740.3	740.3	741.3	1.0
B	3,085	50	323	7.0	750.4	750.4	750.7	0.3
C	3,355	50	426	5.3	752.7	752.7	752.7	0.0
D	5,020	44	198	11.4	760.2	760.2	760.4	0.2
E	6,400	125	588	3.9	770.7	770.7	771.4	0.7
F	6,780	94	322	7.0	772.1	772.1	772.9	0.8
G	8,330	50	297	5.1	782.6	782.6	783.4	0.8

[1] Feet above mouth.
[2] Total width/width within county limit.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOODWAY DATA

CONLEY CREEK-CORN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Crooked Creek Tributary Stone Mountain Creek								
A	590	283	1017	2.6	753.1	751.5[2]	752.5	1.0
B	2,000	261	1005	2.7	755.2	755.2	756.2	1.0
C	3,800	600	3526	0.5	767.8	767.8	767.8	0.0
D	4,970	1100	2078	1.3	767.8	767.8	767.8	0.0
E	6,300	150	662	4.1	769.7	769.7	770.0	0.3
F	6,533	163	465	5.8	770.1	770.1	770.2	0.1
G	8,000	424	1695	1.6	774.7	774.7	775.1	0.4
H	9,020	146	545	4.9	776.1	776.1	776.6	0.5
I	9,400	699	1,390	1.6	777.9	777.9	778.9	1.0
J	10,800	270	946	2.4	781.3	781.3	781.5	0.2
K	10,963	200	850	2.7	783.2	783.2	783.2	0.0
L	12,050	151	403	5.6	785.4	785.4	785.7	0.3
M	13,510	177	707	3.2	792.0	792.0	792.6	0.6
N	14,550	134	584	3.5	794.2	794.2	795.2	1.0
O	15,251	248	1,128	1.8	795.7	795.7	796.6	0.9
P	15,319	111	465	4.4	796.1	796.1	796.4	0.3
Q	15,880	140	569	3.6	797.7	797.7	798.6	0.9
R	17,700	175	595	3.5	803.9	803.9	804.6	0.7
S	18,620	150	515	4.0	807.0	807.0	807.6	0.6
T	20,190	78	298	6.0	813.8	813.8	814.1	0.3
U	21,390	52	227	7.9	822.7	822.7	822.7	0.0
V	22,880	200	659	2.7	830.9	830.9	831.7	0.8
W	23,800	135	341	4.2	835.0	835.0	835.6	0.6
X	24,900	64	221	6.4	844.2	844.2	845.2	1.0

[1] Feet above mouth.

[2] Elevations computed without consideration of backwater effects.

REVISED 10/5/88

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOODWAY DATA

CROOKED CREEK TRIBUTARY, STONE MOUNTAIN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Crooked Creek Tributary A								
A	1,100	200	878	1.6	809.5	809.5	810.5	1.0
B	2,180	60	369	3.8	815.2	815.2	815.5	0.3
C	4,310	*	*	*	838.9	838.9	*	*
D	4,450	*	*	*	840.0	840.0	*	*
E	5,030	90	134	7.1	841.1	841.1	841.1	0.0
F	6,380	53	125	7.7	864.3	864.3	864.3	0.0
G	7,830	50	141	6.8	882.9	882.9	882.9	0.0
Crooked Creek Tributary A-1								
A	1,880	*	*	*	838.9	835.5[2]	*	*
B	2,810	291	490	2.4	838.9	836.2[2]	836.2[2]	0.0
C	3,680	80	182	6.3	842.0	842.0	842.3	0.3
D	4,715	80	222	5.2	851.7	851.7	852.0	0.3
E	4,890	116	472	2.4	854.0	854.0	854.0	0.0
F	5,709	44	69	6.7	861.2	861.2	861.2	0.0
Crooked Creek (South River)								
A	200	98	345	4.2	666.2	657.3[2]	658.3[2]	1.0
B	1,110	360	1,096	1.3	666.2	659.2[2]	660.2	1.0
C	3,400	50	205	7.1	666.2	664.0[2]	664.5[2]	0.5
D	5,270	147	515	2.6	673.4	673.4[2]	674.2[2]	0.8
E	5,400	515	293	4.5	685.7	685.7[2]	685.7[2]	0.0
F	7,250	200	1,329	0.7	686.7	686.7	687.1	0.4
G	7,718	50	405	2.2	690.9	690.9	690.9	0.0

[1] Feet above mouth.
[2] Elevations computed without consideration of backwater effects.
*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOODWAY DATA

CROOKED CREEK TRIBUTARY A-
CROOKED CREEK TRIBUTARY A-1-CROOKED CREEK (SOUTH RIVER)

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Crooked Creek (South River) (continued)								
H	7,950	50	416	2.1	691.1	691.1	691.1	0.0
I	9,450	82	155	5.6	692.7	692.7	692.9	0.2
J	9,820	66	182	4.8	695.0	695.0	695.0	0.0
K	10,850	85	245	3.6	700.8	700.8	701.5	0.7
L	12,390	85	222	5.8	714.5	714.5	715.1	0.6
M	14,160	47	105	7.5	763.5	763.5	763.5	0.0
Doless Creek								
A	220	220	827	1.9	763.6	763.4[2]	764.4[2]	1.0
B	1,380	260	698	2.2	766.0	766.0	767.0	1.0
C	1,625	200	715	2.2	766.6	766.6	767.5	0.9
D	2,240	80	202	7.7	771.9	771.9	772.3	0.4
E	2,720	80	303	5.1	775.3	775.3	776.2	0.9
F	3,030	50	494	3.1	781.4	781.4	781.4	0.0
G	3,210	50	467	3.3	781.4	781.4	781.4	0.0
H	3,310	47	428	3.6	781.4	781.4	781.4	0.0
I	3,650	50	512	2.3	784.9	784.9	784.9	0.0
J	4,000	50	383	3.5	785.0	785.0	785.0	0.0
K	4,415	50	230	5.8	785.1	785.1	785.2	0.1
L	5,090	50	155	8.6	791.5	791.5	791.9	0.4
M	5,450	50	150	8.9	797.5	797.5	797.7	0.2
N	5,970	40	131	10.2	812.7	812.7	812.7	0.0

[1] Feet above mouth.

[2] Elevations computed without consideration of backwater effects.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

CROOKED CREEK (SOUTH RIVER)-DOLESS CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Doolittle Creek								
A	2,080	186	766	5.0	761.0	760.1[2]	760.1[2]	0.0
B	2,352	165	1,158	2.7	766.8	766.8	766.8	0.0
C	3,790	130	988	3.6	767.5	767.5	768.0	0.5
D	5,307	61	309	11.5	775.7	775.7	775.7	0.0
E	5,600	75	481	7.4	778.4	778.4	778.4	0.0
F	6,690	250	1,995	1.8	780.0	780.0	780.5	0.5
G	7,700	240	1,238	3.2	780.1	780.1	780.9	0.8
H	7,980	150	503	7.8	780.9	780.9	780.9	0.0
I	8,770	95	572	6.9	785.8	785.8	785.9	0.1
J	9,160	57	303	13.0	789.1	789.1	789.2	0.1
K	9,870	163	697	5.1	795.3	795.3	795.3	0.0
L	10,500	113	485	7.3	797.1	797.1	797.1	0.0
M	10,790	163	1,110	3.2	802.8	802.8	802.8	0.0
N	11,220	143	609	5.8	803.1	803.1	803.2	0.1
O	11,850	154	472	7.5	807.3	807.3	807.4	0.1
P	12,070	120	519	6.8	809.5	809.5	809.5	0.0
Q	12,280	135	1,025	3.4	815.5	815.5	815.5	0.0
R	12,550	43	249	14.2	818.0	818.0	818.0	0.0
S	13,000	102	559	6.2	822.9	822.9	822.9	0.0
T	13,700	76	300	11.6	825.6	825.6	825.6	0.0
U	14,150	87	317	11.0	833.7	833.7	833.7	0.0
V	14,800	47	256	13.6	846.6	846.6	846.6	0.0
W	15,075	81	309	11.2	853.2	853.2	853.2	0.0
X	15,640	80	1,182	2.9	867.4	867.4	867.4	0.0
Y	15,860	60	802	3.5	867.4	867.4	867.4	0.0
Z	16,800	60	476	5.9	867.4	867.4	867.7	0.3
AA	17,000	80	634	4.5	867.6	867.6	868.4	0.8

[1] Feet above mouth.

[2] Elevations computed without consideration of backwater effects.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

DOOLITTLE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY (FEET NGVD)	WITH FLOODWAY (FEET NGVD)	INCREASE
Doolittle Creek (continued)								
AB	17,700	80	521	3.2	868.6	868.6	869.4	0.8
AC	18,270	80	321	5.3	869.5	869.5	870.0	0.5
AD	18,520	190	1,516	1.1	875.8	875.8	876.6	0.8
AE	18,870	190	1,444	1.2	875.8	875.8	876.7	0.9
AF	19,163	120	713	1.6	875.9	875.9	876.8	0.9
AG	19,317	75	482	2.3	876.1	876.1	876.8	0.7
AH	19,500	75	389	2.9	876.2	876.2	876.9	0.7
AI	20,120	100	481	2.3	876.7	876.7	877.6	0.9
AJ	20,850	70	170	6.5	879.9	879.9	880.4	0.5
AK	20,937	159	383	2.9	881.3	881.3	882.1	0.8
AL	21,083	100	698	1.6	888.2	888.2	888.2	0.0
AM	21,690	100	443	2.5	888.2	888.2	888.2	0.0
AN	22,330	51	134	8.3	891.4	891.4	891.4	0.0
AO	22,760	60	191	5.8	896.0	896.0	896.0	0.0
AP	23,120	87	173	6.4	903.0	903.0	903.1	0.1
AQ	23,388	44	117	9.6	915.3	915.3	915.3	0.0
AR	23,960	106	205	5.4	923.1	923.1	923.1	0.0
AS	24,410	50	186	6.0	926.8	926.8	926.9	0.1
AT	24,550	65	272	2.6	928.9	928.9	929.0	0.1
AU	25,170	65	195	3.6	930.0	930.0	930.3	0.3
AV	25,520	50	156	4.5	931.0	931.0	931.7	0.7
AW[2]	26,190	45	126	5.5	935.3	935.3	935.5	0.2
AX[2]	26,370	40	87	8.0	950.1	950.1	950.1	0.0

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[1] Feet above mouth.

[2] Cross section lies outside county limits

[3] Elevations computed without consideration of backwater effects.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

DOOLITTLE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Doolittle Creek Tributary A								
A	90	*	*	*	792.8	784.7[2]	*	*
B	310	*	*	*	792.8	791.8[2]	*	*
C	790	*	*	*	797.8	797.8	*	*
D	1,280	*	*	*	803.3	803.3	*	*
E	1,700	*	*	*	808.5	808.5	*	*
F	2,350	*	*	*	830.7	830.7	*	*
Doolittle Creek Tributary B								
A	240	54	187	6.2	868.0	866.9[2]	866.9[2]	0.0
B	420	123	656	1.9	871.5	871.5	872.5	1.0
C	620	130	211	5.8	873.7	873.7	873.7	0.0
D	900	50	335	3.7	875.2	875.2	875.3	0.1
E	1,060	222	726	1.7	875.3	875.3	875.8	0.5
F	1,440	99	233	5.2	879.5	879.5	879.8	0.3
G	2,590	119	176	7.0	900.8	900.8	900.8	0.0
Fowler Branch								
A	655	70	354	6.3	801.5	797.7[2]	798.7[2]	1.0
B	2,245	65	356	6.2	804.1	804.1	804.3	0.2
C	2,960	57	256	8.7	806.9	806.9	807.4	0.5
D	3,977	77	268	8.3	816.5	816.5	816.8	0.3

[1] Feet above mouth

[2] Elevations computed without consideration of backwater effects.

*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

DOOLITTLE CREEK TRIBUTARY A-
DOOLITTLE CREEK TRIBUTARY B- FOWLER BRANCH

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC.)	REGULATORY (FEET NGVD)	WITHOUT FLOODWAY (FEET NGVD)	WITH FLOODWAY (FEET NGVD)	INCREASE (FEET)
FOWLER BRANCH								
E	4104	85	324	4.4	818.6	818.6	818.6	0.0
F	4460	32	158	9.0	819.1	819.1	819.3	0.2
G	5560	39	193	6.2	826.3	826.3	826.3	0.0
H	6010	51	270	4.5	827.7	827.7	827.7	0.0
I	6182	41	122	9.8	834.1	834.1	834.2	0.1
J	6365	100	420	2.9	837.6	837.6	837.6	0.0
K	6760	46	227	5.3	840.6	840.6	840.6	0.0
L	7256	50	185	6.5	842.1	842.1	842.3	0.2
M	7490	70	342	3.5	845.1	845.1	845.1	0.0
N	8245	33	137	7.6	847.1	847.1	847.2	0.1
O	8465	100	716	1.5	853.6	853.6	853.6	0.0
P	9400	128	154	6.7	854.7	854.7	854.7	0.0
Q	9860	70	130	8.0	860.3	863.0	863.0	0.0
R	10,075	100	790	1.3	870.8	870.8	870.8	0.0
S	10,620	100	590	0.9	870.9	870.9	870.9	0.0
T	11,100	60	251	2.2	870.9	870.9	871.0	0.1
U	11,240	50	229	2.4	870.9	870.9	870.9	0.0
V	11,690	22	59	9.4	874.5	874.5	874.5	0.0
W	12,205	64	146	3.8	879.0	879.0	879.5	0.5
HENDERSON MILL CREEK								
A	775	*	*	*	892.9	892.9	*	*
B	2313	*	*	*	900.6	900.6	*	*
C	2454	*	*	*	901.9	901.9	*	*
D	3355	*	*	*	905.1	905.1	*	*

[1] FEET ABOVE MOUTH
*NO FLOODWAY COMPUTED

REVISED 9/2/8

TABLE 4	FEDERAL EMERGENCY MANAGEMENT AGENCY **DEKALB COUNTY, GA** **(UNINCORPORATED AREAS)**	**FLOODWAY DATA** **FOWLER BRANCH—HENDERSON MILL CREEK**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Honey Creek								
A	811	190	1,012	3.2	776.9	776.9	777.9	1.0
B	950	130/75[2]	572	5.6	777.4	777.4	778.0	0.6
C	2,900	375/25[2]	2,012	1.6	782.4	782.4	783.2	0.8
D[4]	3,450	150/0[2]	610	5.2	783.3	783.3	783.9	0.6
E	5,475	200	485	5.1	806.4	806.4	807.0	0.6
F	5,617	400	1,480	1.7	807.9	807.9	808.6	0.7
G	7,787	158	332	5.1	814.1	814.1	814.2	0.1
H	9,840	221	734	2.3	825.2	825.2	825.5	0.3
I	10,060	218	383	4.4	828.9	828.9	828.9	0.0
J	11,060	225	925	1.8	833.3	833.3	833.3	0.0
K	12,060	271	255	4.0	837.7	837.7	837.7	0.0
L	14,360	157	191	5.4	854.3	854.3	854.3	0.0
M	15,573	81	102	5.1	871.4	871.4	871.4	0.0
Honey Creek Tributary A								
A	190	111	226	2.4	771.3	770.7[3]	771.7[3]	1.0
B	1,300	93	242	2.2	775.9	775.9	776.9	1.0
C	2,000	123	480	1.1	777.2	777.2	778.2	1.0
D[4]	2,150	32	65	8.3	789.7	789.7	789.7	0.0
E	2,302	80	430	1.3	793.7	793.7	793.7	0.0
F	3,052	64	86	6.3	818.8	818.8	819.0	0.2
Indian Creek								
A	576	184	1,471	3.5	871.7	871.7	872.0	0.3

[1] Feet above mouth for Honey Creek Tributary A and Indian Creek; Feet above county limit for Honey Creek

[2] Total width/width within county limit.

[3] Elevations computed without consideration of backwater effects.

[4] Cross section extends beyond corporate limits.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

HONEY CREEK-HONEY CREEK TRIBUTARY A-INDIAN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Indian Creek (continued)								
B	2,420	200	1,671	3.2	876.9	876.9	877.2	0.3
C	3,570	225	1,568	3.4	878.9	878.9	879.4	0.5
D	4,540	200	892	4.6	881.7	881.7	882.4	0.7
E	6,085	154	964	4.2	888.3	888.3	889.0	0.7
F	6,285	150	997	4.1	888.9	888.9	889.6	0.7
G	6,950	200	836	4.9	890.8	890.8	890.9	0.1
H	7,450	60	402	10.9	893.3	893.3	893.3	0.0
I	7,712	325	1,542	2.8	899.3	899.3	899.3	0.0
J	8,230	319	2,348	1.9	899.5	899.5	899.6	0.1
K	8,612	386	1,444	2.3	901.7	901.7	901.9	0.2
L	8,855	245	1,800	1.8	902.3	902.3	902.4	0.1
M	10,100	72	548	2.0	909.9	909.9	909.9	0.0
N	10,670	50	447	2.5	911.5	911.5	911.5	0.0
O	11,875	76	131	6.6	913.8	913.8	913.8	0.0
P	12,375	119	196	4.4	918.3	918.3	918.3	0.0
Q	14,080	51	172	5.1	934.4	934.4	934.6	0.2
Indian Creek Tributary A								
A	150	54	201	5.6	899.4	894.2[2]	895.2[2]	1.0
B	510	98	351	3.3	899.4	897.6[2]	898.3[2]	0.7
C	753	62	165	6.9	899.6	899.6	899.6	0.0
D	1,065	50	258	4.4	903.4	903.4	903.4	0.0
E	1,555	50	169	6.8	905.4	905.4	906.4	1.0

[1] Feet above mouth.
[2] Elevations computed without consideration of backwater effects.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

INDIAN CREEK- INDIAN CREEK TRIBUTARY A

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Intrenchment Creek								
A	2,345	506	2,458	3.6	781.3	781.3	782.3	1.0
B	2,755	526	2,596	3.5	782.5	782.5	783.5	1.0
C	3,255	500	1,492	6.0	783.6	783.6	784.3	0.7
D	3,345	600	3,206	2.8	787.5	787.5	787.5	0.0
E	3,975	450	2,580	3.5	788.0	788.0	788.0	0.0
F	5,655	650	2,971	3.0	789.6	789.6	789.9	0.3
G	6,330	650	2,153	4.2	790.2	790.2	790.7	0.5
H	6,895	175	1,568	5.7	790.9	790.9	791.9	1.0
I	8,670	97	865	10.4	794.6	794.6	794.6	0.0
J	8,845	77	564	15.9	797.7	797.9	797.9	0.0
K	10,165	258	2,816	3.2	804.0	804.0	804.2	0.2
L	10,710	300	2,431	3.7	804.3	804.3	804.6	0.3
M	11,965	412	1,903	4.5	805.8	805.8	806.1	0.3
N	12,800	74	552	15.6	808.1	808.1	808.1	0.0
O	13,245	140	801	10.7	813.4	813.4	813.4	0.0
P	14,325	150	1,557	5.5	817.2	817.2	817.2	0.0
Q	15,130	162	729	11.8	818.4	818.4	818.5	0.1
R	15,920	80	552	15.0	832.4	832.4	832.4	0.0
S	16,640	110	737	11.2	839.7	839.7	839.7	0.0
T	17,285	84	707	11.7	843.2	843.2	843.2	0.0
U	18,040	153	1,179	7.0	848.1	848.1	848.1	0.0
V	18,580	123	1,117	7.4	849.1	849.1	849.1	0.0
W	19,910	80	549	15.0	855.2	855.2	855.2	0.0
X	20,060	259	2,459	3.4	863.5	863.5	863.5	0.0
Y	20,875	175	1,690	4.4	864.0	864.0	864.0	0.0
Z	21,685	128	1,271	5.9	864.1	864.1	864.7	0.6

[1] Feet above mouth.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

INTRENCHMENT CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Intrenchment Creek Tributary A								
A	410	378	835	2.4	863.5	856.3[2]	857.3[2]	1.0
B	560	250	360	5.6	863.5	858.3[2]	858.8[2]	0.5
C	841	189	364	5.5	863.5	861.2[2]	861.6[2]	0.4
D	989	36	164	12.2	863.5	861.6[2]	861.6[2]	0.0
E	1,435	28	115	11.6	865.9	865.9	865.9	0.0
F	1,890	67	159	8.4	876.5	876.5	876.5	0.0
G	2,315	50	140	9.6	886.5	886.5	886.5	0.0
H	2,717	60	147	9.1	900.2	900.2	900.2	0.0
Johnson Creek								
A	430	192	764	1.6	718.7	708.9[2]	709.9[2]	1.0
B	1,175	46	205	6.0	718.7	709.3[2]	710.3[2]	1.0
C	1,350	100	519	2.4	718.7	713.7[2]	713.7[2]	0.0
D	3,000	100	166	7.4	718.7	716.8[2]	717.5[2]	0.7
E	5,830	75	198	3.3	747.3	747.3	748.2	0.9
Little Stone Mountain Creek								
A	2,300	71	284	6.7	838.9	836.1[2]	836.6[2]	0.5
B	2,632	100	573	3.3	839.7	839.7	839.8	0.1
C	3,500	44	236	8.0	840.5	840.5	841.3	0.8
D	4,100	57	223	8.5	870.9	870.9	870.9	0.0
E	5,090	61	276	6.8	879.1	879.1	879.3	0.2
F	5,362	128	572	3.3	882.6	882.6	882.9	0.3
G	6,750	202	415	4.6	887.8	887.8	887.8	0.0
H	8,100	203	305	6.2	898.4	898.4	898.4	0.0

[1] Feet above mouth.

[2] Elevations computed without consideration of backwater effects.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOODWAY DATA

INTRENCHMENT CREEK TRIBUTARY A-
JOHNSON CREEK-LITTLE STONE MOUNTAIN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Little Stone Mountain Creek (continued)								
I	9,250	147	323	5.9	912.9	912.9	912.9	0.0
J	10,200	105	204	6.5	923.7	923.7	923.7	0.0
Nancy Creek								
A	2,683	*	*	*	860.8	860.8	*	*
B	2,960	*	*	*	863.7	863.7	*	*
C	4,215	*	*	*	864.2	864.2	*	*
D	6,500	*	*	*	867.1	867.1	*	*
E	7,570	*	*	*	868.2	868.2	*	*
F	8,590	*	*	*	870.0	870.0	*	*
G	9,920	*	*	*	872.8	872.8	*	*
H	11,140	*	*	*	873.8	873.8	*	*
I	11,700	*	*	*	874.6	874.6	*	*
J	12,660	*	*	*	876.7	876.7	*	*
K	13,400	*	*	*	881.6	881.6	*	*
L	14,340	*	*	*	885.6	885.6	*	*
M	15,180	*	*	*	889.3	889.3	*	*
N	16,340	*	*	*	902.3	902.3	*	*
O	17,320	*	*	*	914.0	914.0	*	*
P	18,100	*	*	*	918.2	918.2	*	*
Q	18,950	*	*	*	924.6	924.6	*	*
R	19,410	*	*	*	925.1	925.1	*	*
S	19,890	*	*	*	925.7	925.7	*	*
T	21,290	*	*	*	927.7	927.7	*	*
U	22,570	*	*	*	928.8	928.9	*	*

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[1] Feet above mouth.

*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

LITTLE STONE MOUNTAIN CREEK-NANCY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
						(FEET NGVD)		
Nancy Creek (continued)								
V	23,285	*	*	*	929.4	929.4	*	*
W	24,030	*	*	*	931.1	931.1	*	*
X	24,860	*	*	*	936.8	936.8	*	*
Y	25,840	*	*	*	942.3	942.3	*	*
Z	27,175	*	*	*	944.3	944.3	*	*
AA	28,950	*	*	*	946.4	946.4	*	*
AB	29,715	*	*	*	952.3	952.3	*	*
AC	30,470	*	*	*	957.5	957.5	*	*
AD	31,820	*	*	*	961.1	961.1	*	*
AE	32,400	*	*	*	964.1	964.1	*	*
AF	33,040	*	*	*	974.3	974.3	*	*
AG	33,500	*	*	*	976.9	976.9	*	*
AH	34,110	*	*	*	983.7	983.7	*	*
Nancy Creek Tributary A								
A	1265	259	1582	1.4	930.0	930.0	930.0	0.0
B	2157	64	490	4.5	933.0	933.0	933.4	0.4
C	3730	185	1165	1.9	937.9	937.9	938.7	0.8
D	4505	141	602	3.7	938.6	938.6	939.3	0.7
E	4815	56	458	4.5	941.2	941.2	942.1	0.9
F	5115	96	643	3.2	941.6	941.6	942.5	0.9
G	5415	32	260	7.8	942.0	942.0	943.0	1.0
H	6450	381	1363	1.4	951.6	951.6	952.6	1.0
I	7380	60	426	4.6	954.1	954.1	954.9	0.8

[1] Feet above mouth.

*No Floodway computed.

REVISED: 12/5/89

TABLE 4	FEDERAL EMERGENCY MANAGEMENT AGENCY **DEKALB COUNTY, GA** **(UNINCORPORATED AREAS)**	**FLOODWAY DATA** **NANCY CREEK- NANCY CREEK TRIBUTARY A**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Nancy Creek Tributary B								
A	635	*	*	*	924.5	922.4[2]	*	*
B	1,040	*	*	*	926.7	926.7	*	*
C	2,675	*	*	*	938.1	938.1	*	*
D	3,630	*	*	*	940.1	940.1	*	*
Nancy Creek Tributary C								
A	610	*	*	*	874.1	874.1	*	*
B	1,660	*	*	*	886.7	886.7	*	*
C	2,640	*	*	*	898.2	898.2	*	*
D	4,096	*	*	*	915.4	915.4	*	*
Nancy Creek Tributary D								
A	540	*	*	*	853.2	852.1[2]	*	*
B	900	*	*	*	855.7	855.7	*	*
C	1,140	*	*	*	865.1	865.1	*	*
D	1,340	*	*	*	874.3	874.3	*	*
E	2,170	*	*	*	878.8	878.8	*	*
F	3,140	*	*	*	889.6	889.6	*	*
G	3,800	*	*	*	898.2	898.2	*	*

[1] Feet above mouth for Nancy Creek Tributaries B and C; Feet above county limits for Nancy Creek Tributary D.

[2] Elevations computed without consideration of backwater effects.

*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

NANCY CREEK TRIBUTARY B-NANCY CREEK TRIBUTARY C-
NANCY CREEK TRIBUTARY D

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
North Fork Nancy Creek								
A	510	*	*	*	874.0	873.2[2]	*	*
B	4,075	*	*	*	893.0	893.0	*	*
C	4,790	*	*	*	897.8	897.8	*	*
D	6,000	*	*	*	904.1	904.1	*	*
E	6,620	*	*	*	904.7	904.7	*	*
F	7,090	*	*	*	908.5	908.5	*	*
G	8,360	*	*	*	921.2	921.2	*	*
H	8,970	*	*	*	929.3	929.3	*	*
I	10,700	*	*	*	956.8	956.8	*	*
J	12,130	*	*	*	980.0	980.0	*	*
North Fork Peachtree Creek								
A	995	*	*	*	823.3	823.3	*	*
B	2,655	*	*	*	828.8	828.3	*	*
C	4,340	*	*	*	834.3	834.3	*	*
D	5,715	*	*	*	837.3	837.3	*	*
E	6,935	*	*	*	838.4	838.4	*	*
F	8,215	*	*	*	839.8	839.8	*	*
G	9,995	*	*	*	844.3	844.3	*	*
H	11,275	*	*	*	849.4	849.4	*	*
I	12,020	*	*	*	850.3	850.3	*	*

[1] Feet above mouth for North Fork Nancy Creek; Feet above county limits for North Fork Peachtree Creek.

*No Floodway computed.

[2] Elevations computed without consideration of backwater effects.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

NORTH FORK NANCY CREEK-NORTH FORK PEACHTREE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
North Fork Peachtree Creek (continued)								
J	13,090	*	*	*	851.3	851.3	*	*
K	15,000	*	*	*	852.8	852.8	*	*
L	15,935	*	*	*	854.6	854.6	*	*
M	16,900	*	*	*	854.7	854.7	*	*
N	18,265	*	*	*	856.1	856.1	*	*
O	19,505	*	*	*	857.8	857.8	*	*
P	21,060	*	*	*	858.7	858.7	*	*
Q	21,210	*	*	*	858.7	858.7	*	*
R	21,320	*	*	*	858.7	858.7	*	*
S	21,610	*	*	*	858.7	858.7	*	*
T	21,710	*	*	*	859.2	859.2	*	*
U	21,860	*	*	*	859.3	859.3	*	*
V	21,910	*	*	*	859.3	859.3	*	*
W	22,160	*	*	*	859.4	859.4	*	*
X	22,975	*	*	*	860.2	860.2	*	*
Y	24,535	*	*	*	864.5	864.5	*	*
Z	26,430	*	*	*	868.0	863.0	*	*
AA	27,584	*	*	*	870.6	870.6	*	*
AB	29,020	*	*	*	873.9	873.9	*	*

[1] Feet above county limits.

*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

NORTH FORK PEACHTREE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
North Fork Peachtree Creek (continued)								
AC	29,700	*	*	*	882.2	882.2	*	*
AD	30,970	*	*	*	882.6	882.6	*	*
AE	32,060	*	*	*	883.1	883.1	*	*
AF	34,500	*	*	*	884.6	884.6	*	*
AG	35,045	*	*	*	884.8	884.8	*	*
AH	35,575	*	*	*	885.0	885.0	*	*
AI	37,265	*	*	*	885.7	885.7	*	*
AJ	38,565	*	*	*	888.8	888.8	*	*
AK	39,440	*	*	*	889.5	889.5	*	*
AL	40,660	*	*	*	891.4	891.4	*	*
AM	41,350	*	*	*	893.1	893.1	*	*
AN	42,950	*	*	*	894.8	894.8	*	*
AO	44,260	*	*	*	896.6	896.6	*	*
AP	45,285	*	*	*	900.3	900.3	*	*
AQ	46,190	*	*	*	902.6	902.6	*	*
AR	46,800	*	*	*	905.2	905.2	*	*
AS	47,375	*	*	*	905.6	905.6	*	*
AT	48,235	*	*	*	909.6	909.6	*	*
AU	48,920	*	*	*	909.7	909.7	*	*
AV	50,395	*	*	*	910.0	910.0	*	*
AW	52,140	*	*	*	911.8	911.8	*	*
AX	53,254	*	*	*	913.2	913.2	*	*
AY	53,400	*	*	*	915.8	915.8	*	*
AZ	54,410	*	*	*	917.2	917.2	*	*

[1]Feet above county limits.
*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOODWAY DATA

NORTH FORK PEACHTREE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
North Fork Peachtree Creek (continued)								
BA	55,340	*	*	*	920.7	920.7	*	*
BB	56,310	*	*	*	924.0	924.0	*	*
BC	56,920	*	*	*	926.0	926.0	*	*
North Fork Peachtree Creek Tributary A								
A	1,720	*	*	*	850.5	847.2[2]	*	*
B	2,415	*	*	*	851.5	851.5	*	*
C	2,730	*	*	*	852.8	852.8	*	*
D	3,630	*	*	*	858.6	858.6	*	*
E	4,530	*	*	*	858.8	858.8	*	*
F	5,330	*	*	*	862.2	862.2	*	*
G	6,125	*	*	*	863.6	863.6	*	*
H	7,695	*	*	*	869.3	869.3	*	*
I	8,910	*	*	*	883.8	883.8	*	*
J	9,860	*	*	*	883.8	883.8	*	*
K	10,941	*	*	*	886.4	886.4	*	*

[1] Feet above county limits for North Fork Peachtree Creek; Feet above mouth for North Fork Peachtree Creek Tributary A. [2] Elevations computed without consideration of backwater effects.

*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

NORTH FORK PEACHTREE CREEK-
NORTH FORK PEACHTREE CREEK TRIBUTARY A

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY (FEET NGVD)	WITH FLOODWAY (FEET NGVD)	INCREASE
North Fork Peachtree Creek Tributary B								
A	1,575	*	*	*	862.1	862.1	*	*
B	2,100	*	*	*	863.5	863.5	*	*
C	2,995	*	*	*	872.9	872.9	*	*
D	3,970	*	*	*	881.1	881.1	*	*
E	4,500	*	*	*	883.2	883.2	*	*
F	5,085	*	*	*	884.8	884.8	*	*
G	5,645	*	*	*	886.5	886.5	*	*
H	6,205	*	*	*	888.6	888.6	*	*
I	7,300	*	*	*	892.4	892.4	*	*
J	7,865	*	*	*	896.1	896.1	*	*
K	9,229	*	*	*	904.0	904.0	*	*
North Fork Peachtree Creek Tributary C								
A	2,825	*	*	*	914.0	914.0	*	*
B	4,300	*	*	*	916.5	916.5	*	*
C	4,750	*	*	*	919.8	919.8	*	*
D	5,198	*	*	*	926.6	926.6	*	*

[1] Feet above mouth.

*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

NORTH FORK PEACHTREE CREEK TRIBUTARY B-
NORTH FORK PEACHTREE CREEK TRIBUTARY C

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
North Fork Peachtree Creek Tributary D								
A	325	*	*	*	865.5	865.5	*	*
B	2,500	*	*	*	868.0	868.0	*	*
Panthers Branch								
A	925	99	317	5.9	748.5	742.4[2]	743.4[2]	1.0
B	1,875	116	377	5.0	751.1	751.1	751.1	0.0
C	2,755	150	551	3.4	755.5	755.5	756.3	0.8
D	3,055	60	714	2.6	765.6	765.6	765.6	0.0
E	4,130	100	655	2.9	765.6	765.6	766.2	0.6
F	4,460	223	1,225	1.4	769.2	769.2	769.2	0.0
G	5,800	182	324	5.5	771.5	771.5	771.5	0.0
H	7,235	89	379	4.7	781.4	781.4	781.6	0.2
I	7,600	58	499	3.0	784.9	784.9	785.0	0.1
J	8,090	200	660	2.3	785.4	785.4	785.7	0.3
K	11,165	73	157	6.7	808.9	808.9	809.4	0.5
L	12,540	44	198	5.3	831.2	831.2	831.3	0.1
M	12,830	31	113	9.3	835.2	835.2	835.2	0.0
N	13,671	100	834	1.3	846.5	846.5	846.5	0.0
O	14,991	65	114	5.9	858.7	858.7	858.9	0.2
P	16,731	49	168	4.0	880.8	880.8	881.1	0.3

[1] Feet above mouth.

[2] Elevations computed without consideration of backwater effects.

*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

NORTH FORK PEACHTREE CREEK TRIBUTARY D-PANTHERS BRANCH

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC.)	REGULATORY (FEET NGVD)	WITHOUT FLOODWAY (FEET NGVD)	WITH FLOODWAY (FEET NGVD)	INCREASE (FEET)
PEACHTREE BRANCH								
A	365	350	1981	1.9	885.0	874.6[2]	875.6	1.0
B	2360	121	792	5.0	885.0	882.1[2]	883.1	1.0
C	3180	151	1311	3.0	886.3	886.3	887.3	1.0
D	4910	672	4892	0.8	888.3	888.3	889.1	0.8
E	5900	365	1303	2.1	889.2	889.2	889.9	0.7
F	6890	84	494	5.6	896.9	896.9	897.9	1.0
G	8772	84	755	3.5	907.4	907.4	908.3	0.9
H	9003	61	593	4.5	907.6	907.6	908.4	0.8
I	9165	92	827	3.2	908.0	908.0	908.9	0.9
J	9725	264	2725	1.0	910.3	910.3	911.2	0.9
K	10,850	63	466	5.7	910.3	910.3	911.2	0.9
L	11,900	148	847	3.1	916.0	916.0	917.0	1.0
M	13,640	138	505	2.5	923.0	923.0	923.8	0.8
N	14,575	40	252	5.0	926.7	926.7	927.7	1.0
PEAVINE CREEK								
A	120	*	*	*	836.6	834.2[2]	*	*
B	307	*	*	*	840.0	840.0	*	*
C	1145	*	*	*	842.5	842.5	*	*
D	1900	*	*	*	845.8	845.8	*	*
E	3810	*	*	*	855.5	855.5	*	*
F	4900	*	*	*	857.3	857.3	*	*
G	5959	*	*	*	863.2	863.2	*	*
H	6140	*	*	*	865.9	865.9	*	*
I	6450	*	*	*	866.1	866.1	*	*
J	6555	*	*	*	866.7	866.7	*	*

[1] FEET ABOVE MOUTH

[2] ELEVATIONS WITHOUT CONSIDERING BACKWATER EFFECT FROM NORTH FORK PEACHTREE CREEK

* NO FLOODWAY COMPUTED

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TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOODWAY DATA

PEACHTREE BRANCH—PEAVINE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Peavine Creek (continued)								
K	6,694	*	*	*	866.7	866.7	*	*
L	6,820	*	*	*	866.7	866.7	*	*
M	7,250	*	*	*	868.9	868.9	*	*
N	7,304	*	*	*	870.2	870.2	*	*
O	7,529	*	*	*	888.9	888.9	*	*
P	8,910	*	*	*	888.9	888.9	*	*
Q	9,710	*	*	*	888.9	888.9	*	*
R	9,850	*	*	*	891.7	891.7	*	*
S	10,785	*	*	*	891.7	891.7	*	*
T	12,230	*	*	*	923.0	923.0	*	*
U	12,383	*	*	*	925.0	925.0	*	*
V	12,470	*	*	*	925.5	925.5	*	*
Pole Bridge Creek								
A	255	521	2,725	2.7	686.3	678.6[2]	679.6[2]	1.0
B	895	310	2,501	2.6	686.3	679.7[2]	680.4[2]	0.7
C	2,750	512	3,153	2.1	686.3	681.3[2]	682.2[2]	0.9
D	3,645	600	3,558	1.8	686.3	682.3[2]	682.9[2]	0.6
E	5,835	300	1,394	4.7	686.4	686.4	686.4	0.0
F	5,967	47	508	12.9	688.9	688.9	688.9	0.0
G	7,916	666	5,285	1.2	692.6	692.6	693.5	0.9
H	10,156	350	1,191	5.8	695.2	695.2	696.1	0.9
I	11,971	417	2,842	2.4	701.3	701.3	701.8	0.5
J	14,661	252	697	10.0	725.2	725.2	725.2	0.0

[1] Feet above mouth.

[2] Elevations computed without consideration of backwater effects.

*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

PEAVINE CREEK-POLE BRIDGE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Pole Bridge Creek (cont.)								
K	15,364	175	2,130	3.3	735.8	735.8	735.8	0.0
L	17,192	178	703	9.9	744.8	744.8	744.8	0.0
M	18,432	300	2,363	2.9	750.1	750.1	750.8	0.7
N	19,337	1,149	6,707	1.0	750.7	750.7	751.5	0.8
O	20,807	650	1,662	4.2	752.5	752.5	753.5	1.0
P	22,252	389	2,486	2.9	757.5	757.5	758.5	1.0
Q	22,662	246	1,227	4.6	758.2	758.2	759.1	0.9
R	22,822	250	1,800	3.2	760.0	760.0	760.2	0.2
S	24,684	252	1,252	4.5	763.2	763.2	763.9	0.7
T	24,840	200	1,096	5.2	764.1	764.1	764.5	0.4
U	25,743	174	1,138	5.0	766.5	766.5	767.4	0.9
V	25,900	181	1,325	4.3	767.7	767.7	768.5	0.8
W	26,085	240	1,740	3.3	768.1	768.1	769.1	1.0
X	26,253	308	2,571	2.2	768.7	768.7	769.5	0.8
Y	26,410	228	2,025	2.8	769.1	769.1	769.7	0.6
Z	27,540	200	1,054	4.8	770.3	770.3	771.0	0.7
AA	28,450	192	1,108	4.6	774.1	774.1	774.1	0.0
AB	28,900	197	1,106	4.6	775.3	775.3	775.3	0.0
AC	29,132	225	1,134	4.5	779.6	779.6	779.6	0.0
AD	29,330	327	3,013	1.7	780.2	780.2	780.2	0.0
AE	30,520	839	4,494	1.1	780.6	780.6	780.7	0.1
AF	32,225	196	804	6.1	781.4	781.4	781.4	0.0
AG	34,245	167	857	5.8	788.3	788.3	788.3	0.0
AH	35,403	180	1,042	4.7	791.4	791.4	791.4	0.0
AI	35,604	196	1,286	3.8	794.7	794.7	794.7	0.0
AJ	35,826	217	1,600	3.1	797.7	797.7	797.7	0.0

[1] Feet above mouth.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

POLE BRIDGE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Pole Bridge Creek (cont.)								
AK	35,600	200	1,865	2.6	798.2	798.2	798.2	0.0
AL	37,345	400	3,327	0.7	798.2	798.2	798.5	0.3
AM	37,880	363	2,868	0.8	798.3	798.3	798.6	0.3
AN	39,075	300	2,185	1.1	798.3	798.3	798.7	0.4
AO	40,770	300	497	5.2	799.7	799.7	800.3	0.6
AP	41,115	230	699	3.7	807.0	807.0	807.9	0.9
AQ	41,358	152	801	3.2	810.4	810.4	810.4	0.0
AR	42,860	452	2,417	1.1	811.0	811.0	811.4	0.4
AS	44,330	215	531	5.7	811.8	811.8	812.3	0.5
AT	45,500	250	946	3.2	819.8	823.1	823.6	0.5
AU	46,300	125	386	6.4	823.1	823.1	823.6	0.5
AV	46,483	301	2,124	1.2	827.2	827.2	827.2	0.0
AW	47,700	87	247	6.2	827.2	827.2	827.2	0.0
AX	47,965	235	1,767	0.9	833.8	833.8	833.8	0.0
AY	49,320	135	373	4.1	834.0	834.0	834.0	0.0
AZ	50,635	77	228	6.7	847.2	847.2	848.2	1.0
Pole Bridge Creek Tributary A								
A	226	252	810	2.9	771.3	769.2[2]	769.6[2]	0.4
B	1,746	100	332	7.0	777.1	777.1	777.3	0.2
C	2,356	220	730	3.2	781.2	781.2	781.8	0.6
D	3,036	145	414	3.5	783.5	783.5	783.6	0.1
E	3,551	70	691	1.1	789.2	789.2	789.6	0.4
F	4,596	70	242	1.9	789.2	789.2	789.7	0.5

[1] Feet above mouth.

[2] Elevations computed without consideration of backwater effects.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOODWAY DATA

POLE BRIDGE CREEK- POLE BRIDGE CREEK TRIBUTARY A

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Pole Bridge Creek Tributary B								
A	670	268	1,583	2.1	798.6	798.6	799.1	0.5
B	1,920	178	486	6.8	800.7	800.7	801.5	0.8
C	3,065	294	997	3.3	807.5	807.5	807.5	0.0
D	3,220	397	3,990	0.8	814.8	814.8	814.8	0.0
E	4,385	101	549	5.4	814.8	814.8	814.8	0.0
F	5,970	150	590	3.9	823.1	823.1	823.7	0.6
G	7,420	132	411	5.2	829.3	829.3	829.9	0.6
H	7,782	150	1,679	1.3	838.1	838.1	838.4	0.3
I	9,335	106	142	5.7	846.9	846.9	846.9	0.0
J	11,400	48	128	4.1	867.0	867.0	867.5	0.5
Shoal Creek								
A	483	195	2,405	3.3	755.7	755.7	756.2	0.5
B	1,573	173	1,796	4.4	755.7	755.7	756.6	0.9
C	2,150	386	4,208	1.9	756.3	756.3	757.3	1.0
D	3,280	475	4,476	1.8	756.7	756.7	757.7	1.0
E	4,620	292	2,274	2.1	757.2	757.2	758.2	1.0
F	4,774	155	702	6.7	758.8	758.8	758.8	0.0
G	6,460	537	3,429	1.4	760.8	760.8	761.1	0.3
H	7,040	363	1,794	2.6	761.1	761.1	761.5	0.4
I	7,362	79	485	9.7	762.3	762.3	762.3	0.0
J	8,325	331	2,155	2.6	765.8	765.8	766.1	0.3
K	9,520	217	706	8.0	767.9	767.9	768.2	0.3
L	10,435	154	681	8.3	776.2	776.2	776.5	0.3
M	11,350	166	1,114	5.1	781.1	781.1	781.4	0.3
N	14,100	126	900	6.3	807.8	807.8	808.0	0.2

[1] Feet above mouth.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

POLE BRIDGE CREEK TRIBUTARY B- SHOAL CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Shoal Creek (continued)								
O	14,710	92	454	12.5	811.3	811.3	811.3	0.0
P	14,912	37	445	12.7	814.0	814.0	814.0	0.0
Q	15,650	98	819	6.6	818.5	818.5	818.8	0.3
R	16,960	361	3,389	1.6	823.4	823.4	823.9	0.5
S	17,870	180	800	6.8	823.5	823.5	824.1	0.6
T	19,220	155	778	7.0	829.5	829.5	830.1	0.6
U	20,400	300	881	6.2	839.2	839.2	840.0	0.8
V	21,700	123	506	8.9	850.3	850.3	850.6	0.3
W	22,110	59	333	13.6	857.2	857.2	857.2	0.0
X	22,780	88	874	5.2	879.4	879.4	879.4	0.0
Y	24,100	300	2,223	2.1	880.6	880.6	880.9	0.3
Z	24,970	410	2,847	1.6	883.1	883.1	883.4	0.3
AA	26,290	264	1,419	3.2	884.6	884.6	885.5	0.9
AB	27,200	236	814	5.7	887.2	887.2	887.4	0.2
AC	28,500	174	943	4.9	892.4	892.4	892.8	0.4
AD	29,450	175	1,117	4.1	894.7	894.7	894.9	0.2
AE	30,220	39	295	15.6	895.9	895.9	895.9	0.0
AF	30,330	122	712	6.5	900.6	900.6	900.6	0.0
AG	30,877	74	434	8.5	902.4	902.4	902.4	0.0
AH	31,190	96	652	5.7	905.3	905.3	905.3	0.0
AI	32,160	162	513	7.2	909.3	909.3	909.3	0.0
AJ	33,190	372	598	3.3	918.1	918.1	918.1	0.0
AK	34,140	150	620	3.1	920.7	920.7	921.2	0.5
AL *	35,300	82	240	8.2	927.2	927.2	927.2	0.0
AM	36,535	159	422	4.6	939.4	939.4	940.0	0.6

[1] Feet above mouth.

*Cross-section located outside county limits.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

SHOAL CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
						(FEET NGVD)		
Snapfinger Creek								
A	50	122	1,219	8.5	726.1	723.9[2]	724.9[2]	1.0
B	1,915	150	1,719	6.0	728.6	728.6	729.2	0.6
C	2,191	123	1,728	6.0	731.8	731.8	732.1	0.3
D	5,671	200	1,412	7.3	735.2	735.2	736.1	0.9
E	7,881	95	1,124	9.2	741.0	741.0	741.2	0.2
F	9,821	99	1,100	9.4	945.7	745.7	746.5	0.8
G	12,561	115	1,153	7.1	751.7	751.7	752.1	0.4
H	14,996	123	1,037	9.9	756.5	756.5	757.5	1.0
I	15,301	94	1,273	8.1	760.7	760.7	761.0	0.3
J	17,301	181	1,981	5.2	764.9	764.9	765.8	0.9
K	19,301	634	5,789	1.8	767.1	767.1	767.9	0.8
L	20,901	200	1,993	5.2	767.9	767.9	768.6	0.7
M	21,501	219	1,873	5.5	770.2	770.2	771.2	1.0
N	22,056	180	1,590	6.5	773.0	773.0	773.5	0.5
O	23,171	200	1,677	6.1	778.1	778.1	778.5	0.4
P	24,171	214	1,372	7.6	783.6	783.6	784.6	1.0
Q	25,301	126	1,493	7.0	792.0	792.0	792.4	0.4
R	27,201	448	5,706	1.8	794.8	794.8	795.6	0.8
S	28,261	800	11,179	0.9	795.5	795.5	796.3	0.8
T	29,821	800	9,373	1.2	795.5	795.5	796.5	1.0
U	30,336	864	10,613	1.0	795.8	795.8	796.8	1.0
V	31,078	945	10,392	1.1	796.9	796.9	797.7	0.8
W	31,188	918	10,361	1.1	797.0	797.0	797.8	0.8
X	34,076	336	2,173	5.1	797.6	797.6	798.4	0.8
Y	34,761	205	1,434	7.7	799.7	799.7	800.6	0.9
Z	36,911	512	3,424	3.2	805.5	805.5	806.0	0.5
AA	38,891	917	4,025	2.7	807.6	807.6	808.2	0.6

[1] Feet above mouth.

[2] Elevations computed without consideration of backwater effects.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOODWAY DATA

SNAPFINGER CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Snapfinger Creek (continued)								
AB	40,581	531	2,770	4.0	809.9	809.9	810.6	0.7
AC	41,541	600	2,863	3.9	812.3	812.3	812.8	0.5
AD	42,434	500	3,669	3.0	815.7	815.7	816.0	0.3
AE	42,851	360	3,245	3.7	817.3	817.3	817.6	0.3
AF	43,601	1,020	8,716	1.4	817.7	817.7	818.3	0.6
AG	45,201	400	2,045	4.1	818.1	818.1	818.6	0.5
AH	45,601	280	2,216	3.8	821.7	821.7	822.7	1.0
AI	46,951	270	2,554	3.3	824.5	824.5	825.2	0.7
AJ	48,426	570	4,401	1.9	826.3	826.3	826.9	0.6
AK	49,701	483	3,145	2.7	827.4	827.4	828.0	0.6
AL	50,771	289	1,819	4.6	829.8	829.8	830.7	0.9
AM	52,171	125	1,276	6.6	835.3	835.3	836.2	0.9
AN	53,601	172	1,817	4.6	839.3	839.3	840.1	0.8
AO	55,041	150	1,181	7.6	843.3	843.3	843.9	0.6
AP	57,531	400	3,380	2.6	849.1	849.1	850.1	1.0
AQ	58,751	405	3,209	2.8	850.3	850.3	851.3	1.0
AR	60,141	240	1,606	5.6	853.4	853.4	853.7	0.3
AS	61,391	106	1,081	8.3	858.5	858.5	859.2	0.7
AT	62,971	350	2,690	3.3	863.9	863.9	864.8	0.9
AU	63,301	122	1,509	5.9	866.5	866.5	866.8	0.3
AV	64,591	302	3,470	2.6	868.0	868.0	868.0	0.0
AW	65,271	240	2,520	3.5	871.3	871.3	871.3	0.0
AX	65,751	238	2,608	1.6	871.6	871.6	871.8	0.2
AY	67,501	194	1,280	3.3	874.6	874.6	874.7	0.1
AZ	68,001	179	1,033	4.1	875.2	875.2	875.3	0.1

[1] Feet above mouth.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

SNAPFINGER CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Snapfinger Creek (continued)								
BA	69,351	230	1,126	3.8	877.7	877.7	878.7	1.0
BB	71,331	246	1,110	3.5	882.5	882.5	883.5	1.0
BC	73,481	175	681	5.7	889.5	889.5	890.0	0.5
BD	74,201	528	2,716	1.4	892.4	892.4	892.6	0.2
BE	74,851	130	665	5.9	893.0	893.0	893.0	0.0
BF	76,181	260	1,327	2.0	896.6	896.6	897.4	0.8
BG	77,826	120	762	3.5	903.4	903.4	903.8	0.4
BH	79,151	145	625	4.3	906.3	906.3	907.2	0.9
BI	79,701	137	619	4.3	908.5	908.5	909.3	0.8
BJ	81,586	150	1,486	1.8	922.1	922.1	922.8	0.7
BK	82,256	300	1,899	1.4	922.4	922.4	923.2	0.8
BL	85,851	200	1,102	2.1	933.1	933.1	933.9	0.8
BM	87,551	48	358	6.5	946.2	946.2	946.2	0.0
BN	88,821	250	960	2.4	952.9	952.9	952.9	0.0
BO	89,321	150	772	3.0	953.8	953.8	954.2	0.4
BP	91,021	160	437	2.5	962.6	962.6	963.3	0.7
BQ	91,786	60	467	2.3	963.5	963.5	964.2	0.7
BR	91,988	60	476	2.3	966.4	966.4	966.4	0.0
BS	93,076	60	286	3.8	981.6	981.6	981.6	0.0
BT	93,591	114	236	4.6	983.3	983.3	983.6	0.3
BU	95,126	100	248	4.4	996.8	996.8	997.3	0.5
BV	96,101	60	139	7.9	1001.9	1001.9	1002.6	0.7
BW	98,151	33	131	1.8	1016.9	1016.9	1017.8	0.9

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[1] Feet above mouth.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

SNAPFINGER CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Snapfinger Creek Tributary A								
A	900	120	143	5.8	756.4	749.3[2]	749.3[2]	0.0
B	1,855	80	269	3.1	757.0	757.0	756.6	0.6
C	2,000	*	*	*	774.4	774.4	*	*
D	2,980	60	151	6.0	783.1	783.1	783.1	0.0
E	3,169	70	259	3.5	785.3	785.3	785.5	0.2
F	4,700	59	130	6.4	806.2	806.2	806.4	0.2
Snapfinger Creek Tributary B								
A	650	38	152	8.5	849.2	840.8[2]	841.8[2]	1.0
B	1,430	40	165	7.8	849.2	847.4[2]	848.0[2]	0.6
C	2,875	28	94	10.4	867.6	867.6	867.6	0.0
Snapfinger Creek Tributary C								
A	0	177	595	2.8	895.5	890.6[2]	891.6[2]	1.0
B	1,010	97	290	5.8	895.5	895.3[2]	896.3[2]	1.0
C	2,200	96	504	3.4	901.8	901.8	902.7	0.9
D	2,363	113	763	2.2	905.3	905.3	905.3	0.0
E	2,850	113	725	2.3	905.5	905.5	906.0	0.5
F	3,710	303	1,535	0.9	905.9	905.9	906.7	0.8
G	3,840	250	540	2.6	908.5	908.5	908.5	0.0

[1] Feet above mouth.

[2] Elevations computed without consideration of backwater effects.

*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

SNAPFINGER CREEK TRIBUTARY A-
SNAPFINGER CREEK TRIBUTARY B-SNAPFINGER CREEK TRIBUTARY C

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY (FEET NGVD)	WITH FLOODWAY (FEET NGVD)	INCREASE
Snapfinger Creek Tributary C (continued)								
H	4,710	425	1,413	1.0	910.0	910.0	910.0	0.0
I	6,435	63	137	7.0	917.3	917.3	917.3	0.0
J	6,570	50	162	5.9	919.1	919.1	919.1	0.0
K	7,580	75	276	1.8	922.8	922.8	923.5	0.7
L[3]	7,850	75	233	2.1	923.2	923.2	924.0	0.8
Snapfinger Creek Tributary D								
A	267	33	179	5.9	907.3	906.3[2]	907.3[2]	1.0
B	1,953	183	220	4.8	930.4	930.4	930.4	0.0
C	2,300	95	563	1.9	933.6	933.6	933.6	0.0
D	2,375	50	319	3.3	933.8	933.8	933.8	0.0
E	2,700	50	320	3.3	936.1	936.1	936.3	0.2
F	2,835	50	476	2.2	940.0	940.0	940.0	0.0
G	4,002	50	259	2.8	947.5	947.5	947.5	0.0
Snapfinger Creek Tributary E								
A	470	87	202	4.8	958.9	958.9	959.5	0.6
B	2,085	125	179	5.4	974.8	974.8	974.8	0.0

[1] Feet above mouth.
[2] Elevations computed without consideration of backwater effects.
[3] Cross section lies outside county limits.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

SNAPFINGER CREEK TRIBUTARY C-SNAPFINGER CREEK TRIBUTARY D-SNAPFINGER CREEK TRIBUTARY E

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
South Fork Peachtree Creek								
A	100	*	*	*	826.5	826.5	*	*
B	1,630	*	*	*	828.6	828.6	*	*
C[2]	3,010	*	*	*	830.1	830.1	*	*
D[2]	3,241	*	*	*	831.2	831.2	*	*
E[2]	4,230	*	*	*	833.3	833.3	*	*
F	6,820	*	*	*	838.7	838.7	*	*
G	6,950	*	*	*	838.9	838.9	*	*
H	7,627	*	*	*	840.8	840.8	*	*
I	9,250	*	*	*	845.6	845.6	*	*
J	12,510	*	*	*	856.0	856.0	*	*
K	13,820	*	*	*	859.7	859.7	*	*
L	14,249	*	*	*	871.0	871.0	*	*
M	15,140	*	*	*	872.3	872.3	*	*
N	16,940	*	*	*	874.0	874.0	*	*
O	17,838	*	*	*	876.1	876.1	*	*
P	18,603	*	*	*	876.1	876.1	*	*
Q	18,720	*	*	*	876.8	876.8	*	*
R	18,930	*	*	*	878.9	878.9	*	*
S	19,110	*	*	*	879.6	879.6	*	*
T	19,996	*	*	*	881.6	881.6	*	*
U	21,530	*	*	*	883.1	883.1	*	*
V	22,240	*	*	*	884.1	884.1	*	*
W	22,760	*	*	*	887.5	887.5	*	*
X	25,225	*	*	*	899.7	899.7	*	*
Y	25,370	*	*	*	901.4	901.4	*	*

[1] Feet above county limit.

[2] Cross section lies outside county limits.

*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOODWAY DATA

SOUTH FORK PEACHTREE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY (FEET NGVD)	WITH FLOODWAY (FEET NGVD)	INCREASE
South Fork Peachtree Creek (continued)								
Z	26,250	*	*	*	901.6	901.6	*	*
AA	28,210	*	*	*	902.3	902.3	*	*
AB	29,910	*	*	*	904.8	904.8	*	*
AC	31,490	*	*	*	906.7	906.7	*	*
AD	32,820	*	*	*	913.0	913.0	*	*
AE	33,118	*	*	*	914.3	914.3	*	*
AF	33,180	*	*	*	914.6	914.6	*	*
AG	33,970	*	*	*	914.9	914.9	*	*
AH	36,030	*	*	*	919.3	919.3	*	*
AI	36,430	*	*	*	921.4	921.4	*	*
AJ	37,110	*	*	*	922.8	922.8	*	*
AK	37,600	*	*	*	924.5	924.5	*	*
AL	38,150	*	*	*	925.4	925.4	*	*
AM	39,290	*	*	*	929.8	929.8	*	*
AN	39,436	*	*	*	930.6	930.6	*	*
AO	41,220	*	*	*	934.4	934.4	*	*
AP	42,250	*	*	*	937.8	937.8	*	*
AQ	43,092	*	*	*	939.6	939.6	*	*
AR	49,710	*	*	*	961.0	961.0	*	*
AS	51,770	*	*	*	969.0	969.0	*	*
AT	52,140	*	*	*	971.0	971.0	*	*
AU	52,360	*	*	*	975.6	975.6	*	*
AV	52,900	*	*	*	977.0	977.0	*	*
AW	53,260	*	*	*	989.1	989.1	*	*
AX	54,370	*	*	*	991.2	991.2	*	*

[1] Feet above county limits.

*No Floodway computed.

REVISED: 12/5/89

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

SOUTH FORK PEACHTREE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
South Fork Peachtree Creek (continued)								
AY	55,160	*	*	*	991.2	991.2	*	*
AZ	56,866	*	*	*	994.5	994.5	*	*
BA	58,270	*	*	*	995.1	995.1	*	
BB	59,800	*	*	*	999.2	999.2	*	*
BC	61,960	*	*	*	1010.3	1010.3	*	*
BD	62,740	*	*	*	1013.0	1013.0	*	*
BE	63,600	*	*	*	1016.2	1016.2	*	*
BF	64,760	*	*	*	1021.1	1021.1	*	*
BG	65,310	*	*	*	1029.0	1029.0	*	*
BH	66,410	*	*	*	1030.1	1030.1	*	*
BI	67,400	*	*	*	1036.5	1036.5	*	*
South Fork Peachtree Creek Tributary A								
A	700[2]	*	*	*	977.2	977.2	*	*
B	800[2]	*	*	*	978.4	978.4	*	*
C	1280[2]	*	*	*	978.4	978.4	*	*
D	1484[2]	*	*	*	979.1	979.1	*	*
E	2440[2]	*	*	*	988.6	988.6	*	*
F	3950[2]	*	*	*	995.3	995.3	*	*

[1] FEET ABOVE COUNTY LIMITS
[2] FEET ABOVE MOUTH
*NO FLOODWAY COMPUTED

REVISED: 7/17/86

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

SOUTH FORK PEACHTREE CREEK-
SOUTH FORK PEACHTREE CREEK TRIBUTARY A

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
South Fork Peachtree Creek Tributary B								
A	310	*	*	*	991.4	982.4[2]	*	*
B	850	*	*	*	991.4	984.8[2]	*	*
C	1,510	*	*	*	996.3	996.3	*	*
D	1,816	*	*	*	996.3	996.3	*	*
E	1,950	*	*	*	997.0	997.0	*	*
F	4,050	*	*	*	1008.5	1008.5	*	*
South Fork Peachtree Creek Tributary C								
A	230	*	*	*	902.2	899.6[2]	*	*
B	1,040	*	*	*	903.4	903.4	*	*
C	1,750	*	*	*	906.2	906.2	*	*
D	2,949	*	*	*	912.1	912.1	*	*
E	3,188	*	*	*	921.9	921.9	*	*
F	4,079	*	*	*	922.0	922.0	*	*
G	4,429	*	*	*	922.7	922.7	*	*
H	4,589	*	*	*	922.9	922.9	*	*
I	4,939	*	*	*	926.1	926.1	*	*
J	5,236	*	*	*	926.4	926.6	*	*
K	5,499	*	*	*	926.6	926.6	*	*
L	5,927	*	*	*	926.9	926.9	*	*
M	6,089	*	*	*	928.5	928.5	*	*
N	6,729	*	*	*	932.2	932.2	*	*

[1] Feet above mouth.
[2] Elevations computed without consideration of backwater effects.
*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

SOUTH FORK PEACHTREE CREEK TRIBUTARY B-
SOUTH FORK PEACHTREE CREEK TRIBUTARY C

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
South Fork Peachtree Creek Tributary C (cont.)								
O	6,940	*	*	*	934.2	934.2	*	*
P	7,677	*	*	*	938.4	939.4	*	*
Q	7,879	**	*	*	940.9	940.9	*	*
R	8,584	*	*	*	941.8	941.8	*	*
South River								
A	600	136/60[2]	2,476	6.9	659.1	659.1	660.1	1.0
B	2,950	261/165[2]	2,550	6.7	661.5	661.5	662.4	0.9
C	5,550	240/130[2]	2,764	6.2	665.0	665.0	665.3	0.3
D	8,588	163/75[2]	1,125	15.1	672.9	672.9	672.9	0.0
E	8,713	413/90[2]	2,739	6.2	676.5	676.5	676.6	0.1
F	11,451	250/130[2]	2,546	6.7	681.5	681.5	681.6	0.1
G	13,851	300/145[2]	2,996	5.7	684.8	684.8	685.1	0.3
H	17,151	270.205[2]	2,899	5.9	687.8	687.8	688.4	0.6
I	19,811	425/170[2]	5,255	3.2	689.7	689.7	690.4	0.7
J	19,919	275/140[2]	3,601	4.7	689.8	689.8	690.4	0.6
K	20,415	757/120[2]	8,223	2.1	690.4	690.4	691.0	0.6
L	23,065	552/145[2]	6,232	2.7	690.9	690.9	691.8	0.9
M	25,565	1200/600[2]	9,467	1.8	692.0	692.0	692.8	0.8
N	28,365	388/315[2]	3,865	4.4	692.8	692.8	693.8	1.0
O	32,065	1100/365[2]	7,969	2.1	695.7	695.7	696.5	0.8
P	34,965	449	3,379	5.0	697.1	697.1	698.1	1.0

[1] Feet above mouth for South Fork Peachtree Creek Tributary C; Feet above county limit for South River

[2] Total width/width within county limits.

*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOODWAY DATA

SOUTHFORK PEACHTREE CREEK TRIBUTARY C-SOUTH RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
South River (continued)								
Q	37,665	430	3,621	4.7	700.3	700.3	700.9	0.6
R	40,115	350	3,217	5.3	702.1	702.1	703.1	1.0
S	42,238	270	2,186	7.8	704.1	704.1	705.0	0.9
T	45,975	394	2,708	6.3	713.2	713.2	713.2	0.0
U	48,875	557	4,238	4.0	716.7	716.7	716.9	0.2
V	52,375	320	2,185	7.8	720.6	720.6	720.7	0.1
W	54,725	305	2,688	6.3	725.5	725.5	725.5	0.0
X	58,575	210	2,454	6.9	730.7	730.7	730.9	0.2
Y	61,825	200	2,635	6.5	734.6	734.6	735.3	0.7
Z	63,280	190	2,867	5.9	736.1	736.1	736.8	0.7
AA	63,902	131	1,855	6.9	736.3	736.3	737.1	0.8
AB	64,029	146	2,020	6.3	737.1	737.1	737.8	0.7
AC	65,467	390	4,490	2.9	738.9	738.9	739.4	0.5
AD	67,080	236	2,879	4.4	739.5	739.5	740.0	0.5
AE	70,170	126	1,803	7.1	742.0	742.0	742.8	0.8
AF	71,672	302	2,753	4.6	744.2	744.2	744.7	0.5
AG	74,530	234	3,135	4.1	746.1	746.1	746.8	0.7
AH	76,885	118	1,680	7.6	747.3	747.3	747.9	0.6
AI	79,180	125	1,860	6.9	750.4	750.4	750.7	0.3
AJ	80,480	190	2,364	5.4	751.8	751.8	752.2	0.4
AK	81,699	138	1,989	6.4	752.7	752.7	753.5	0.8
AL	81,829	139	1,993	6.4	753.0	753.0	753.7	0.7
AM	83,400	364	4,641	2.8	754.6	754.6	755.3	0.7
AN	84,471	185	2,272	5.6	755.0	755.0	755.7	0.7
AO	84,598	206	2,605	4.9	756.4	756.4	756.8	0.4
AP	84,995	140	2,151	6.0	756.7	756.7	757.2	0.5

[1] Feet above county limits.

TABLE 4	FEDERAL EMERGENCY MANAGEMENT AGENCY **DEKALB COUNTY, GA** **(UNINCORPORATED AREAS)**	**FLOODWAY DATA** **SOUTH RIVER**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
South River (continued)								
AQ	86,835	728	9,043	1.4	757.8	757.8	758.5	0.7
AR	87,955	391	4,569	2.8	758.0	758.0	758.7	0.7
AS	91,503	83	1,337	9.6	759.4	759.4	760.2	0.8
AT	91,736	155	1,871	6.8	759.9	759.9	760.9	1.0
AU	92,280	223	1,724	7.4	760.9	760.9	761.7	0.8
AV	93,640	400	4,022	3.2	763.2	763.2	763.8	0.6
AW	95,310	442	4,654	2.8	763.9	763.9	764.8	0.9
AX	97,080	343	3,463	3.7	764.7	764.7	765.6	0.9
AY	99,295	500	4,684	2.7	766.1	766.1	767.1	1.0
AZ	100,460	299	2,078	6.2	766.5	766.5	767.5	1.0
BA	103,105	447	3,017	3.1	771.6	771.6	771.7	0.1
BB	103,322	130	1,526	6.2	771.6	771.6	771.7	0.1
BC	103,448	182	1,856	5.1	771.9	771.9	772.0	0.1
BD	105,180	931	4,496	2.1	773.7	773.7	773.8	0.1
BE	105,816	200	3,406	2.8	777.9	777.9	777.9	0.0
BF	106,340	335	2,571	3.7	778.0	778.0	778.0	0.0
BG	107,555	541	3,413	2.8	779.0	779.0	779.7	0.7
BH	107,709	500	3,278	2.9	780.1	780.1	780.2	0.1
BI[2]	109,370	537	4,124	2.3	781.0	781.0	781.5	0.5
BJ	110,320	423	2,828	3.3	781.5	781.5	782.0	0.5
BK	111,969	285	3,487	2.7	790.6	790.6	790.6	0.0
BL	113,155	375	4,806	2.0	791.0	791.0	791.1	0.1
BM	115,172	483	5,323	1.8	791.4	791.4	791.6	0.2
BN	115,910	408	3,762	2.5	791.6	791.6	791.8	0.2
BO	116,007	164	1,855	5.1	791.6	791.6	791.8	0.2
BP	116,194	168	1,955	4.8	792.0	792.0	792.0	0.0

[1] Feet above county limits.

[2] Common floodplain with Intrenchment Creek at this location.

TABLE 4	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	DEKALB COUNTY, GA **(UNINCORPORATED AREAS)**	**SOUTH RIVER**

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
South River Tributary A								
A	135	*	*	*	736.2	725.0[2]	*	*
B	290	*	*	*	736.2	733.9[2]	*	*
C	1,640	*	*	*	755.2	755.2	*	*
D	2,295	*	*	*	770.8	770.8	*	*
E	2,599	*	*	*	803.8	803.8	*	*
F	2,731	*	*	*	814.9	814.9	*	*
G	5,345	*	*	*	817.0	817.0	*	*
Stephenson Creek								
A	330	127	422	3.4	686.3	675.2[2]	676.2[2]	1.0
B	1,300	150	359	4.0	686.3	678.5[2]	679.3[2]	0.8
C	2,980	97	271	5.3	687.3	687.3	687.3	0.0
D	3,174	50	664	2.2	696.5	696.5	696.5	0.0
E	4,440	100	755	2.1	696.6	696.6	696.9	0.3
F	6,120	194	287	5.6	699.1	699.1	699.1	0.0
G	6,228	426	880	1.8	700.9	700.9	700.9	0.0
H	7,700	100	299	6.7	705.8	705.8	706.1	0.3
I	9,300	100	304	6.6	737.0	737.0	737.0	0.0
J	10,210	121	400	2.7	742.5	742.5	742.6	0.1
K	10,371	121	321	3.3	743.4	743.4	743.4	0.0
L	11,660	50	185	5.8	747.7	747.7	747.9	0.2
M	13,560	50	179	3.6	754.6	754.6	755.4	0.8

[1] Feet above mouth.

[2] Elevations computed without consideration of backwater effects.

*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

SOUTH RIVER TRIBUTARY A-STEPHENSON CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC.)	REGULATORY (FEET NGVD)	WITHOUT FLOODWAY (FEET NGVD)	WITH FLOODWAY (FEET NGVD)	INCREASE (FEET)
STONE MOUNTAIN CREEK								
A	300	250	1459	3.0	732.3	732.3[2]	733.0	0.7
B	1200	90	725	6.1	733.3	733.3[2]	733.9	0.6
C	2300	90	691	6.5	735.5	735.5[2]	735.9	0.4
D	3800	90	620	7.1	738.9	738.9[2]	739.4	0.5
E	5150	90	618	7.1	742.7	742.7[2]	743.3	0.6
F	5380	73	409	10.8	743.1	743.1[2]	743.6	0.5
G	5570	132	521	8.5	745.4	745.4	745.5	0.1
H	6950	130	801	5.5	750.2	750.2	751.0	0.9
I	8030	130	1067	4.1	751.6	751.6	752.6	1.0
J	9600	130	717	6.2	753.7	753.7	754.3	0.6
K	10,760	120	707	3.4	756.7	756.7	757.7	1.0
L	11,360	120	1043	2.3	757.5	757.5	758.4	0.9
M	11,530	200	1257	1.9	757.8	757.8	758.6	0.8
N	12,880	800	3403	0.7	771.7	771.7	771.7	0.0
O	13,900	800	2885	0.8	771.7	771.7	771.7	0.0
P	15,440	720	2544	1.0	771.7	771.7	771.7	0.0
Q	17,220	1000	1730	1.4	771.7	771.7	771.7	0.0
R	17,750	950	1463	1.7	771.7	771.7	771.7	0.0
S	19,950	346	1231	1.8	771.7	771.7	771.7	0.0
T	20,250	250	903	2.4	772.8	772.8	772.8	0.0
U	20,700	250	970	2.2	773.2	773.2	773.7	0.5
V	21,830	298	859	2.5	774.9	774.9	775.9	1.0
W	24,270	120	335	6.5	779.7	779.7	780.1	0.4
X	26,000	120	786	2.6	783.8	783.8	784.7	0.9
Y	27,260	120	596	3.4	784.8	784.8	785.7	0.9
Z	27,490	63	377	5.4	784.9	784.9	785.8	0.9

[1] FEET ABOVE MOUTH
[2] ELEVATIONS WITHOUT CONSIDERING BACKWATER EFFECTS FROM YELLOW RIVER

REVISED: 12/5/89

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

STONE MOUNTAIN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Stone Mountain Creek (cont.)								
AA	27,658	100	869	2.4	788.2	788.2	788.2	0.0
AB	29,350	62	462	4.4	788.8	788.8	788.9	0.1
AC	44,680	*	*	*	839.0	839.0	*	*
AD	45,200	*	*	*	845.9	845.9	*	*
AE	45,910	*	*	*	845.8	845.8	*	*
AF	46,370	150	2,206	1.1	849.8	849.8	849.8	0.0
AG	46,760	150	1,826	1.4	849.8	849.8	849.8	0.0
AH	47,113	100	1,288	2.0	849.8	849.8	849.8	0.0
AI	47,367	125	1,789	1.4	853.2	853.2	853.2	0.0
AJ	48,780	125	1,103	2.3	853.2	853.2	853.3	0.1
AK	49,870	125	622	4.0	853.2	853.2	854.1	0.9
AL	51,020	55	303	8.3	857.3	857.3	857.5	0.2
AM	51,262	59	366	7.7	859.3	859.3	859.3	0.0
AN	52,390	100	398	7.1	866.1	866.1	866.2	0.1
AO	54,250	115	448	6.3	876.0	876.0	876.2	0.2
AP	56,270	73	280	10.1	904.4	904.4	904.4	0.0
AQ	57,470	114	362	7.8	917.5	917.5	917.5	0.0
AR	58,670	150	768	3.7	923.3	923.3	924.3	1.0
Stone Mountain Creek Tributary A								
A	1,680	78	169	5.5	780.3	780.3	780.4	0.1
B	2,700	65	139	6.7	804.8	804.8	804.8	0.0
C	2,900	64	139	6.7	817.2	817.2	817.2	0.0

[1] Feet above mouth.

*Floodway not computed due to presence of lake.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOODWAY DATA

STONE MOUNTAIN CREEK-STONE MOUNTAIN CREEK TRIBUTARY A

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Sugar Creek								
A	680	357	1,434	2.7	764.7	757.8[2]	758.8[2]	1.0
B	2,330	394	1,383	2.8	764.7	762.2[2]	763.2[2]	1.0
C	3,005	300	1,935	2.0	769.7	769.7	769.7	0.0
D	3,694	300	1,649	2.4	769.8	769.8	770.1	0.3
E	3,860	400	2,663	1.5	770.9	770.9	771.1	0.2
F	4,329	400	2,808	1.4	771.8	771.8	772.1	0.3
G	4,450	450	2,716	1.4	771.8	771.8	772.1	0.3
H	4,725	600	3,901	1.0	772.4	772.4	772.7	0.3
I	5,260	600	3,412	1.2	772.5	772.5	772.9	0.4
J	5,415	400	2,282	1.7	773.5	773.5	773.8	0.3
K	5,775	300	1,132	3.9	773.5	773.5	773.8	0.3
L	6,135	210	746	5.9	774.3	774.3	774.5	0.2
M	6,299	367	2,245	2.0	780.4	780.4	780.4	0.0
N	6,575	200	1,639	2.7	780.6	780.6	780.6	0.0
O	7,265	765	7,537	0.6	780.7	780.7	780.9	0.2
P	8,435	800	3,497	1.3	780.7	780.7	780.9	0.2
Q	9,465	900	2,914	1.5	780.8	780.8	781.5	0.7
R	10,535	1,166	4,590	1.0	781.5	781.5	782.0	0.5
S	11,470	849	1,368	4.5	783.7	783.7	784.4	0.7
T	12,145	800	3,039	2.0	786.6	786.6	787.2	0.6
U	14,055	188	709	8.6	793.5	793.5	793.5	0.0
V	14,635	304	2,246	2.7	800.3	800.3	800.3	0.0
W	15,620	166	1,087	5.6	800.3	800.3	800.3	0.0
X	16,215	200	1,353	4.5	802.3	802.3	802.5	0.2
Y	16,670	119	626	9.8	806.1	806.1	806.1	0.0
Z	17,210	81	565	12.0	815.4	815.4	815.4	0.0

[1] Feet above mouth.
[2] Elevations computed without consideration of backwater effects.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOODWAY DATA

SUGAR CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Sugar Creek (continued)								
AA	17,915	167	940	7.2	822.0	822.0	822.0	0.0
AB	18,755	142	655	10.3	826.9	826.9	826.9	0.0
AC	19,275	103	599	11.3	831.0	831.0	831.0	0.0
AD	19,800	91	563	12.0	838.9	838.9	838.9	0.0
AE	20,575	355	1,137	6.0	846.7	846.7	846.7	0.0
AF	20,930	119	649	10.5	853.1	853.1	853.2	0.1
AG	21,635	131	674	10.1	859.6	859.6	859.6	0.0
AH	23,395	339	1,438	4.7	876.0	876.0	876.0	0.0
AI	24,065	173	734	9.2	878.0	878.0	878.0	0.0
AJ	24,800	147	942	6.6	881.8	881.8	881.8	0.0
AK	25,110	200	2,244	2.8	888.7	888.7	888.7	0.0
AL	26,235	189	1,370	4.6	891.0	891.0	891.0	0.0
AM	26,385	147	1,678	3.7	898.1	898.1	898.1	0.0
AN	27,150	150	1,949	3.2	898.7	898.7	898.7	0.0
AO	27,955	150	1,362	4.6	898.9	898.9	899.1	0.2
AP	28,260	325	2,283	2.7	900.9	900.9	901.1	0.2
AQ	28,965	325	2,754	2.3	901.4	901.4	901.7	0.3
AR	29,440	325	1,899	3.9	901.5	901.5	901.7	0.2
AS	30,295	415	2,310	3.2	903.2	903.2	903.9	0.7
AT	30,935	210	1,049	7.1	905.1	905.1	905.4	0.3
AU	31,575	137	1,093	6.9	909.3	909.3	909.3	0.0
AV	32,090	126	927	5.9	911.3	911.3	911.4	0.1
AW	33,320	112	633	8.6	914.1	914.1	914.1	0.0
AX	34,000	69	526	8.9	919.6	919.6	919.6	0.0

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[1] Feet above mouth.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

SUGAR CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY (FEET NGVD)	WITH FLOODWAY (FEET NGVD)	INCREASE
Sugar Creek Tributary A								
A	115	216	1,361	1.7	912.1	909.9[2]	910.9[2]	1.0
B	505	188	977	2.4	912.1	910.1[2]	911.1[2]	1.0
C	930	150	385	6.1	912.1	912.1	912.2	0.1
D	1,335	109	348	6.8	916.2	916.2	916.2	0.0
E	1,650	171	1,359	1.7	924.9	924.9	924.9	0.0
F	2,185	129	307	7.7	925.3	925.3	925.3	0.0
G	2,875	150	933	2.5	928.2	928.2	928.4	0.2
H	4,210	170	300	5.1	929.7	929.7	930.1	0.4
Swift Creek								
A	1,100	251	1,033	3.4	723.0	712.9[2]	713.9[2]	1.0
B	2,810	205	907	3.9	723.0	722.0[2]	723.0[2]	1.0
C	4,200	266	916	3.7	727.2	727.2	727.5	0.3
D	5,800	197	494	6.9	733.8	733.8	734.0	0.2
E	8,550	385	1,320	2.6	750.6	750.6	751.3	0.7
F	9,670	271	1,069	3.2	754.4	754.4	754.8	0.4
G	9,960	275	1,000	2.9	755.1	755.1	755.9	0.8
H	10,216	422	3,323	0.9	761.1	761.1	761.1	0.0
I	10,454	294	2,472	0.6	761.6	761.6	761.6	0.0
J	11,834	102	249	5.5	762.8	762.8	762.8	0.0
K	12,854	100	583	2.3	766.7	766.7	767.1	0.4
L	14,204	50	265	5.1	769.1	769.1	769.6	0.5
M	15,584	75	278	5.1	777.2	777.2	777.8	0.6
N	16,704	74	293	4.9	783.5	783.5	784.1	0.6

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[1] Feet above mouth.

[2] Elevations computed without consideration of backwater effects.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

SUGAR CREEK TRIBUTARY A-SWIFT CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Swift Creek (continued)								
O	18,624	50	245	5.8	793.4	793.4	793.6	0.2
P	20,004	76	266	5.4	801.4	801.4	802.3	0.9
Q	20,974	50	217	4.7	807.6	807.6	807.6	0.0
Swift Creek Tributary A								
A	900	85	226	6.8	765.3	765.3	765.3	0.0
B	1,805	70	136	10.2	791.5	791.5	791.5	0.0
C	2,855	117	243	5.7	826.7	826.7	827.2	0.5
D	3,060	128	321	4.3	829.4	829.4	830.3	0.9
E	4,000	50	170	3.6	837.8	837.8	837.8	0.0
F	5,410	50	109	5.7	847.0	847.0	847.7	0.7
G	7,480	70	125	4.9	867.7	867.7	868.6	0.9
Tom George Pine Mountain Creek								
A	000	102	534	4.7	729.9	729.9	730.9	1.0
B	570	337	1,147	2.2	732.5	732.5	733.3	0.8
C	760	*	*	*	750.8	750.8	*	*
D	1,860	112	717	2.7	755.7	755.7	756.7	1.0
E	3,110	168	359	5.3	764.7	764.7	764.7	0.0
F	3,720	235	923	1.6	767.5	767.5	768.0	0.5
G	5,320	252	459	3.1	770.7	770.7	771.4	0.7
H	7,940	60	319	3.6	780.7	780.7	781.6	0.9

[1] Feet above mouth for Swift Creek and Tributary A; Feet above county limit for Tom George-Pine Mountain Creek.

*No Floodway computed.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

SWIFT CREEK- SWIFT CREEK TRIBUTARY A-
TOM GEORGE- PINE MOUNTAIN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Tom George - Pine Mountain Creek (cont.)								
I	9,080	60	134	8.6	803.6	803.6	803.6	0.0
J	9,820	65	126	6.9	835.2	835.2	835.2	0.0
K	11,640	65	207	4.2	851.2	851.2	851.4	0.2
Yellow River								
A	000	979	13,894	1.3	718.2	718.2	719.2	1.0
B	2,750	575	4,412	4.2	719.4	719.4	720.4	1.0
C	2,933	753	7,176	2.6	720.0	720.0	721.0	1.0
D	3,118	772	7,545	2.4	720.7	720.7	721.6	0.9
E	4,000	388	5,385	3.4	722.2	722.2	723.1	0.9
F	5,250	511	6,563	2.8	723.6	723.6	724.5	0.9
G	6,150	390	4,158	4.4	724.6	724.6	725.5	0.9
H	7,800	867	8,287	2.2	726.9	726.9	727.7	0.8
I	8,700	397	4,515	4.1	727.8	727.8	728.4	0.6
J	9,800	324	4,495	4.1	729.2	729.2	730.2	1.0
K	11,000	301	4,456	4.1	730.9	730.9	731.9	1.0
L	12,100	291	4,427	4.2	732.4	732.4	733.3	0.9
M	13,200	354	5,655	3.3	733.6	733.6	734.6	1.0
N	15,300	337	4,885	3.8	735.5	735.5	736.5	1.0
O	15,820	321	4,891	3.8	736.2	736.2	737.0	0.8

[1] Feet above county limits for Tom George-Pine Mountain Creek; feet above mouth for Yellow River.

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

TOM GEORGE - PINE MOUNTAIN CREEK - YELLOW RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
						(FEET NGVD)		
Yellow River (continued)								
P	17,100	288	4,851	3.8	737.3	737.3	738.2	0.9
Q	19,000	219	4,034	4.6	739.1	739.1	740.0	0.9
R	21,000	204	3,940	4.7	741.2	741.2	742.1	0.9
S	22,650	319	5,574	3.3	742.8	742.8	743.7	0.9
T	23,800	360	4,902	3.0	743.7	743.7	744.6	0.9
U	24,700	208	3,567	4.1	744.3	744.3	745.2	0.9
Nancy Creek[2] Tributary No. 1								
A	900	100	*	*	945.7	945.2	945.7	0.5
B	1,500	75	*	*	949.5	949.5	950.0	0.5

[1] Feet above county limit.

[2] Elevations computed without consideration of backwater effects

*No information available

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

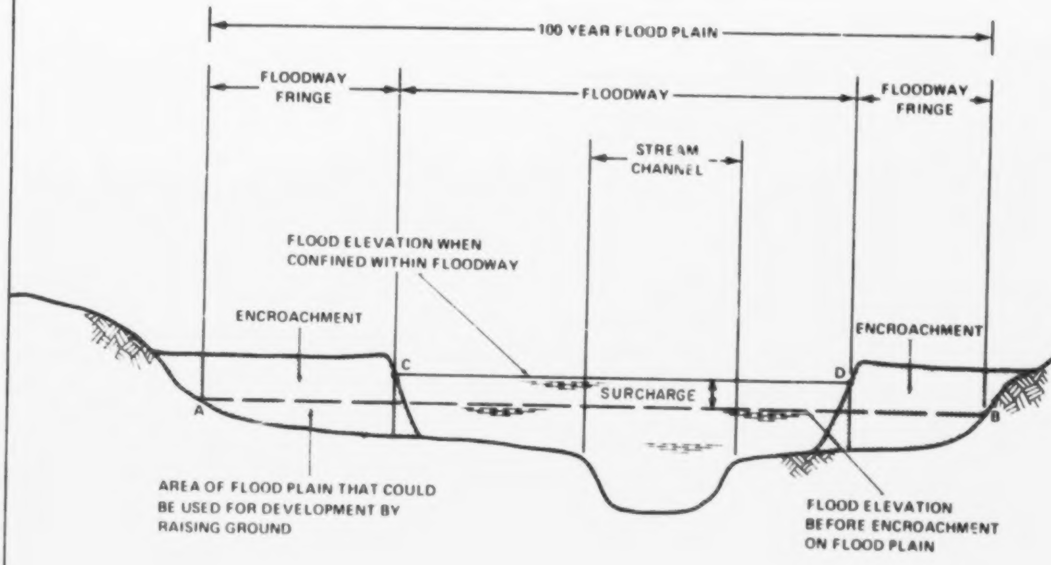
DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOODWAY DATA

YELLOW RIVER

The area between the floodway and the boundary of the 100-year flood is termed the floodway fringe. The floodway fringe thus encompasses the portion of the flood plain that could be completely obstructed without increasing the water-surface elevation of the 100-year flood more than 1.0 foot at any point. Typical relationships between the floodway and the floodway fringe and their significance to flood plain development are shown in Figure 2.


100 YEAR FLOOD PLAIN
FLOODWAY FRINGE
FLOODWAY
FLOODWAY FRINGE
STREAM CHANNEL
FLOOD ELEVATION WHEN CONFINED WITHIN FLOODWAY
ENCROACHMENT
ENCROACHMENT
C
D
SURCHARGE
A
B
AREA OF FLOOD PLAIN THAT COULD BE USED FOR DEVELOPMENT BY RAISING GROUND
FLOOD ELEVATION BEFORE ENCROACHMENT ON FLOOD PLAIN

LINE A B IS THE FLOOD ELEVATION BEFORE ENCROACHMENT
LINE C D IS THE FLOOD ELEVATION AFTER ENCROACHMENT

*SURCHARGE NOT TO EXCEED 1.0 FOOT (FEMA REQUIREMENT) OR LESSER AMOUNT IF SPECIFIED BY STATE

FLOODWAY SCHEMATIC

Figure 2

5.0 INSURANCE APPLICATION

In order to establish actuarial insurance rates, FEMA has developed a process to transform the data from the engineering study into flood insurance criteria. This process includes the determination of reaches, Flood Hazard Factors (FHFs), and flood insurance zone designations for each significant flooding source affecting DeKalb County.

5.1 Reach Determinations

Reaches are defined as lengths of watercourses having relatively the same flood hazard, based on the average weighted difference in water-surface elevations between the 10- and 100-year floods. This difference does not have a variation greater than that indicated in the following table for more than 20 percent of the reach.

Average Difference Between 10- and 100-Year Floods	Variation
Less than 2 feet	0.5 foot
2 to 7 feet	1.0 foot
7.1 to 12 feet	2.0 foot

The location of reaches determined for the flooding sources of DeKalb County are shown on the Flood Profiles (Exhibit 1), and summarized in the Flood Insurance Zone Data Table (Table 5).

5.2 Flood Hazard Factors (FHFs)

The Flood Hazard Factor is used to correlate flood information with insurance rate tables. Correlations between property damages from floods and their assigned FHFs are used to set actuarial insurance premium rate tables based on FHFs from 005 to 200.

The FHF for a reach is the average weighted difference between the 10- and 100-year flood water-surface elevations expressed to the nearest one-half foot, and shown as a three-digit code. For example, if the difference between the water-surface elevations of the 10- and 100-year floods is 0.7 foot, the FHF is 005; if the difference is 1.4 feet, the FHF is 015; if the difference is 5.0 feet, the FHF is 050. When the difference between the 10- and 100-year flood water-surface elevations is greater than 10.0 feet, the accuracy for the FHF is to the nearest foot.

5.3 Flood Insurance Zones

After the determination of reaches and their respective FHFs, the entire unincorporated area of DeKalb County was divided into zones, each having a specific flood potential or hazard. Each zone was assigned one of the following flood insurance zone designations.

Zone A:	Special Flood Hazard Areas inundated by the 100-year flood, determined by approximate methods; no base flood elevations shown or FHFs determined.
Zones A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11, A12, A13, A14, and A15.	Special Flood Hazard Areas inundated by the 100-year flood, determined by detailed methods; base flood elevations shown, and zones subdivided according to FHFs.
Zone B:	Areas between the Special Flood Hazard Area and the limits of the 500-year flood, including areas of the 500-year flood plain that are protected from the 100-year flood by dike, levee, or other water control structure; areas subject to certain types of 100-year shallow flooding where depths are less than 1.0 foot; or areas subject to 100-year flooding from sources with drainage areas less than 1 square mile. Zone B is not subdivided.
Zone C:	Areas of minimal flooding.

Table 5, "Flood Insurance Zone Data," summarizes the flood elevation differences, FHFs, flood insurance zones, and base flood elevation for each flooding source studied in detail in the county.

5.4 Flood Insurance Rate Map Description

The Flood Insurance Rate Map for the unincorporated area of DeKalb County is, for insurance purposes, the principal result of the Flood Insurance Study. This map (published separately) contains the official delineation of flood insurance zones and base flood elevation lines. Base flood elevation lines show the locations of the expected whole-foot water-surface elevations of the base (100-year) flood. This map is developed in accordance with the latest flood insurance map preparation guidelines published by FEMA.

FLOODING SOURCE	PANEL[1]	ELEVATION DIFFERENCE[2] BETWEEN 1% (100-YEAR) FLOOD AND			FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION (FEET NGVD)[3]
		10% (10-YEAR)	2% (50-YEAR)	0.2% (500-YEAR)			
Barbashela Creek							
Reach 1	0010	-1.3	-0.3	+1.2	015	A3	Varies
Reach 2	0010	-0.8	-0.2	+0.6	010	A2	Varies
Reach 3	0010	-3.2	-1.1	+2.2	030	A6	Varies
Reach 4	0010	-0.8	-0.2	+1.0	010	A2	Varies
Barbashela Creek Tributary A							
Reach 1	0010	-0.9	-0.2	+0.7	010	A2	Varies
Blue Creek							
Reach 1	0012	-0.8	-0.2	+0.8	010	A2	Varies
Reach 2	0012	-3.6	-1.4	+1.4	035	A7	Varies
Reach 3	0012	-1.1	-0.2	+0.8	010	A2	Varies
*Reach 4	0012	-2.2	*	+2.0	020	A4	Varies
Burnt Fork Creek							
Reach 1	0005	-2.0	-0.6	+1.7	020	A4	Varies
Reach 2	0005	-1.5	-0.4	+1.0	015	A3	Varies
Reach 3	0005	-0.8	-0.3	+0.6	010	A2	Varies
Reach 4	0005	-2.3	-0.6	+1.1	025	A5	Varies
Reach 5	0004,0005	-1.0	-0.4	+0.6	010	A2	Varies
Reach 6	0004,0006	-2.3	-0.6	+1.5	025	A5	Varies
Reach 7	0004	-1.1	-0.2	+0.8	010	A2	Varies
Reach 8	0004	-0.7	-0.3	+1.1	005	A1	Varies
Reach 9	0004	-1.5	-0.4	+1.0	015	A3	Varies

[1] Flood Insurance Rate Map Panel [2] Weighted Average [3] Rounded to Nearest Foot

*Information not available; zones obtained from text dated 5/15/80.

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOOD INSURANCE ZONE DATA

**BARBASHELA CREEK-BARBASHELA CREEK TRIBUTARY A-
BLUE CREEK- BURNT FORK CREEK**

FLOODING SOURCE	PANEL[1]	ELEVATION DIFFERENCE[2] BETWEEN 1% (100-YEAR) FLOOD AND			FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION (FEET NGVD)[3]
		10% (10-YEAR)	2% (50-YEAR)	0.2% (500-YEAR)			
Camp Creek							
Reach 1	0007	-1.3	-0.4	+0.8	015	A3	Varies
Reach 2	0007	-3.8	-0.4	+0.7	040	A8	Varies
Reach 3	0007	-2.2	-0.5	+0.8	020	A4	Varies
Camp Creek Tributary A							
Reach 1	0007	-0.9	-0.2	+0.5	010	A2	Varies
Clarks Creek							
Reach 1	0013	-2.3	-0.5	+1.8	025	A5	Varies
* Reach 2	0013	-1.5	*	+1.7	015	A3	Varies
Cobb's Creek							
Reach 1	0009,0013	-2.0	-0.5	+1.7	020	A4	Varies
Reach 2	0009	-1.4	-0.3	+0.8	015	A3	Varies
Reach 3	0009	-3.7	-0.2	+1.0	035	A7	Varies
Reach 4	0009	-1.3	-0.4	+1.2	015	A3	Varies
Reach 5	0009	-1.0	-0.3	+0.7	010	A2	Varies
Reach 6	0009	-2.0	-0.2	+0.8	020	A4	Varies
Reach 7	0009	-1.1	-0.4	+0.8	010	A2	Varies
Cobb's Creek Tributary A							
*Reach 1	0009	-2.6	*	+1.3	025	A5	Varies
*Reach 2	0009	-7.0	*	+2.0	070	A14	Varies
*Reach 3	0009	-4.6	*	+2.0	045	A9	Varies
*Reach 4	0009	-2.9	*	+2.0	030	A6	Varies

[1] Flood Insurance Rate Map Panel [2] Weighted Average [3] Rounded to Nearest Foot

*Information not available; zones obtained from text dated 5/15/80.

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOOD INSURANCE ZONE DATA

CAMP CREEK-CAMP CREEK TRIBUTARY A-CLARKS CREEK-COBB'S CREEK-COBB'S CREEK TRIBUTARY A

FLOODING SOURCE	PANEL[1]	ELEVATION DIFFERENCE[2] BETWEEN 1% (100-YEAR) FLOOD AND 10% (10-YEAR)	2% (50-YEAR)	0.2% (500-YEAR)	FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION (FEET NGVD)[3]
Conley Creek							
Reach 1	0012, 0013	-2.6	-0.6	+2.2	025	A5	Varies
Reach 2	0012	-0.9	-0.2	+0.7	010	A2	Varies
Corn Creek							
Reach 1	0013	-1.6	-0.4	+1.2	015	A3	Varies
CROOKED CREEK TRIBUTARY STONE MOUNTAIN CREEK							
REACH 1	0011	-1.0	-0.2	2.0	010	A2	Varies
REACH 2	0011	-1.7	-0.8	0.9	015	A3	Varies
REACH 3	0010,0011	-1.2	-0.2	1.2	010	A2	Varies
Crooked Creek Tributary A							
Reach 1	0010	-2.4	-0.5	+1.3	025	A5	806
Reach 2	0010	-3.3	-0.8	+0.8	035	A7	Varies
Reach 3	0010	-0.7	-0.8	+0.5	005	A1	Varies
* Reach 4	0010	-3.0	*	+1.4	030	A6	Varies
Crooked Creek Tributary A-1							
Reach 1	0010	-0.7	-0.2	+0.5	005	A1	Varies
Crooked Creek (South River)							
Reach 1	0016,0017	-1.0	-0.2	+0.8	010	A2	Varies
Reach 2	0016, 0017	-2.8	-1.0	+3.4	030	A6	Varies

[1] Flood Insurance Rate Map Panel [2] Weighted Average [3] Rounded to Nearest Foot

*Information not available; zones obtained from old text dated 5/15/80.

REVISED: 12/5/88

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOOD INSURANCE ZONE DATA

CONLEY CREEK-CORN CREEK-CROOKED CREEK TRIBUTARY STONE MOUNTAIN CROOKED CREEK TRIBUTARY A-CROOKED CREEK TRIBUTARY A-1-CROOKED CREEK (SOUTH RIVER)

FLOODING SOURCE	PANEL[1]	ELEVATION DIFFERENCE[2] BETWEEN 1% (100-YEAR) FLOOD AND			FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION (FEET NGVD)[3]
		10% (10-YEAR)	2% (50-YEAR)	0.2% (500-YEAR)			
Crooked Creek (South River) cont'd							
Reach 3	0017	-0.8	-0.2	+0.6	010	A2	Varies
Doless Creek							
Reach 1	0012	-1.0	-0.3	+0.8	010	A2	Varies
Reach 2	0012	-4.9	-1.5	+5.5	050	A10	Varies
Reach 3	0012	-1.1	-0.5	+1.8	010	A2	Varies
* Reach 4	0012	-1.6	*	+1.9	015	A3	Varies
Doolittle Creek							
Reach 1	0008, 0012	-2.0	-0.6	+1.7	020	A4	Varies
Reach 2	0008	-2.4	-0.7	+0.9	025	A5	Varies
Reach 3	0008	-1.1	-0.3	+0.7	010	A2	Varies
Reach 4	0008	-1.5	-0.4	+0.9	015	A3	Varies
Doolittle Creek East Branch B							
* Reach 1	0008	-2.0	*	+2.3	020	A4	Varies
Doolittle Creek Tributary A							
Reach 1	0012	-0.9	-0.2	+1.1	010	A2	Varies
Doolittle Creek Tributary B							
Reach 1	0008	-1.1	-0.3	+0.7	010	A2	Varies

[1] Flood Insurance Rate Map Panel [2] Weighted Average [3] Rounded to Nearest Foot

*Information not available; zones obtained from old text dated 5/15/80.

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOOD INSURANCE ZONE DATA

CROOKED CREEK (SOUTH RIVER)-DOLESS CREEK- DOOLITTLE CREEK-DOOLITTLE CREEK EAST BRANCH B- DOOLITTLE CREEK TRIBUTARY A-DOOLITTLE CREEK TRIBUTARY B-

FLOODING SOURCE	PANEL[1]	ELEVATION DIFFERENCE[2] BETWEEN 1% (100-YEAR) FLOOD AND			FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION (FEET NGVD)[3]
		10% (10-YEAR)	2% (50-YEAR)	0.2% (500-YEAR)			
Fowler Branch							
Reach 1	0009	-1.7	-0.4	1.1	015	A3	Varies
Reach 2	0009	-0.6	-0.2	0.5	005	A1	Varies
Reach 3	0009	-6.1	-4.9	0.4	060	A12	Varies
Reach 4	0009	-4.1	-3.3	0.4	040	A8	Varies
Reach 5	0009	-2.0	-1.2	0.5	020	A4	Varies
Reach 6	0009	-1.0	-0.3	0.6	010	A2	Varies
Henderson Mill Creek							
Reach 1	0003,0004	-0.9	-0.2	0.7	010	A2	Varies
Honey Creek							
Reach 1	0015, 0017	-0.9	-0.2	0.6	010	A2	Varies
Honey Creek Tributary A							
Reach 1	0015, 0017	-0.6	-0.1	0.4	005	A1	Varies
Indian Creek							
Reach 1	0006	-2.0	-0.4	1.2	020	A4	Varies
Reach 2	0006	-1.5	-0.2	0.8	015	A3	Varies
Reach 3	0005	-5.9	-0.2	0.8	060	A12	Varies
Reach 4	0006	-2.1	-0.2	0.9	020	A4	Varies
Reach 5	0006	-2.9	-1.0	3.3	030	A6	Varies
Reach 6	0006	-0.9	-0.2	0.4	010	A2	Varies

[1] Flood Insurance Rate Map Panel [2] Weighted Average [3] Rounded to Nearest Foot

REVISED: 9/2/88

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOOD INSURANCE ZONE DATA

FOWLER BRANCH- HENDERSON MILL CREEK-HONEY CREEK- HONEY CREEK TRIBUTARY A-INDIAN CREEK

FLOODING SOURCE	PANEL[1]	ELEVATION DIFFERENCE[2] BETWEEN 1% (100-YEAR) FLOOD AND			FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION (FEET NGVD)[3]
		10% (10-YEAR)	2% (50-YEAR)	0.2% (500-YEAR)			
Indian Creek Tributary A							
Reach 1	0006	-1.1	-0.3	+0.8	010	A2	Varies
Reach 2	0006	-1.5	-0.4	+1.4	015	A3	Varies
Intrenchment Creek							
Reach 1	0008, 0012	-2.2	-0.5	+1.5	020	A4	Varies
Intrenchment Creek Tributary A							
Reach 1	0008	-0.9	-0.2	+0.7	010	A2	Varies
Johnson Creek							
Reach 1	0015	-0.6	-0.2	+0.4	005	A1	Varies
Little Stone Mountain Creek							
Reach 1	0007	-1.5	-0.3	+1.0	015	A3	Varies
*Reach 2	0007	-2.3	*	+1.7	025	A5	Varies
Lullwater Creek							
*Reach 1	0005	-2.4	*	+2.0	025	A5	Varies
Nancy Creek							
Reach 1	0003	-2.4	-0.3	+5.1	025	A5	Varies
Reach 2	0002,0003	-3.5	-0.9	+3.5	035	A7	VAries

[1] Flood Insurance Rate Map Panel [2] Weighted Average [3] Rounded to Nearest Foot

*Information not available; zones obtained from text dated 5/15/80.

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOOD INSURANCE ZONE DATA

INDIAN CREEK TRIBUTARY A - INTRENCHMENT CREEK - INTRENCHMENT CREEK TRIBUTARY A - JOHNSON CREEK - LITTLE STONE MOUNTAIN CREEK - LULLWATER CREEK - NANCY CREEK

FLOODING SOURCE	PANEL[1]	ELEVATION DIFFERENCE[2] BETWEEN 1% (100-YEAR) FLOOD AND			FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION (FEET NGVD)[3]
		10% (10-YEAR)	2% (50-YEAR)	0.2% (500-YEAR)			
Nancy Creek (cont'd)							
Reach 3	0002	-5.2	-1.7	+5.4	050	A10	Varies
Reach 4	0002	-2.7	-0.8	+2.2	025	A5	Varies
Nancy Creek Tributary A							
Reach 1	0002	-2.8	-0.8	+2.8	030	A6	Varies
Reach 2	0002	-2.1	-0.7	+2.2	020	A4	Varies
Reach 3	0002	-1.4	-0.6	+2.5	015	A3	Varies
Nancy Creek Tributary B							
Reach 1	0003	-1.3	-0.3	+0.9	015	A3	Varies
Nancy Creek Tributary C							
Reach 1	0003	-1.4	-0.3	+1.0	015	A3	Varies
Nancy Creek Tributary D							
Reach 1	0003	-1.1	-0.2	+0.7	010	A2	Varies
North Fork Nancy Creek							
Reach 1	0002, 0003	-0.5	-0.2	+1.4	005	A1	Varies
Reach 2	0002	-4.8	-4.1	+4.2	050	A10	Varies
Reach 3	0002	-1.4	-0.3	+1.2	015	A3	Varies

[1] Flood Insurance Rate Map Panel [2] Weighted Average [3] Rounded to Nearest Foot

REVISED: 12/5/89

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOOD INSURANCE ZONE DATA

NANCY CREEK-NANCY CREEK TRIBUTARY A- NANCY CREEK TRIBUTARY B-
NANCY CREEK TRIBUTARY C-NANCY CREEK TRIBUTARY D- NORTH FORK NANCY CREEK

FLOODING SOURCE	PANEL[1]	ELEVATION DIFFERENCE[2] BETWEEN 1% (100-YEAR) FLOOD AND 10% (10-YEAR)	2% (50-YEAR)	0.2% (500-YEAR)	FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION (FEET NGVD)[3]
North Fork Peachtree Creek							
Reach 1	0003, 0005	-4.9	-1.2	+3.4	050	A10	Varies
Reach 2	0003, 0004	-7.4	-2.4	+4.1	075	A15	Varies
Reach 3	0004	-4.0	-0.9	+2.4	040	A8	Varies
Reach 4	0001, 0004	-5.3	-1.8	+5.6	055	A11	Varies
Reach 5	0001	-2.0	-0.5	+2.4	020	A4	Varies
North Fork Peachtree Creek Tributary A							
Reach 1	0003	-2.5	-0.5	+1.6	025	A5	Varies
Reach 2	0003	-3.5	-0.4	+0.9	035	A7	Varies
Reach 3	0003	-1.3	-0.3	+0.8	015	A3	Varies
Reach 4	0003	-0.6	-0.1	+0.4	005	A1	Varies
North Fork Peachtree Creek Tributary B							
Reach 1	0003	-1.1	-0.3	+1.0	010	A2	Varies
North Fork Peachtree Creek Tributary C							
Reach 1	0001, 0004	-0.7	-0.2	+0.5	005	A1	Varies

[1] Flood Insurance Rate Map Panel [2] Weighted Average [3] Rounded to Nearest Foot

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOOD INSURANCE ZONE DATA

NORTH FORK PEACHTREE CREEK-NORTH FORK PEACHTREE CREEK TRIBUTARY A-NORTH FORK PEACHTREE CREEK TRIBUTARY B-NORTH FORK PEACHTREE CREEK TRIBUTARY C

FLOODING SOURCE	PANEL[1]	ELEVATION DIFFERENCE[2] BETWEEN 1.0% (100-YEAR) FLOOD AND			FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION[3] (FEET NGVD)
		10% (10-YEAR)	2% (50-YEAR)	0.2% (500-YEAR)			
NORTH FORK PEACHTREE CREEK TRIBUTARY D							
REACH 1	0003	-2.7	-0.6	1.8	025	A5	VARIES-SEE MAP
PANTHERS BRANCH							
REACH 1	013	-1.2	-0.4	0.7	010	A2	VARIES-SEE MAP
REACH 2	0013,0014	-5.1	-1.8	1.1	050	A10	VARIES-SEE MAP
REACH 3	0014	-1.1	-0.2	0.6	010	A2	VARIES-SEE MAP
REACH 4	0014	-1.6	-0.2	0.6	015	A3	VARIES-SEE MAP
REACH 5	0014	-2.0	-0.7	1.6	020	A4	VARIES-SEE MAP
REACH 6	0014	-1.1	-0.3	1.1	010	A2	VARIES-SEE MAP
REACH 7	0014	-1.9	-0.4	1.4	020	A4	VARIES-SEE MAP
REACH 8	0014	-0.7	-0.2	0.5	005	A1	VARIES-SEE MAP
PARKWOOD PARK TRIBUTARY							
*REACH 1	0008	-2.4	*	1.2	025	A5	VARIES-SEE MAP
PEACHTREE BRANCH							
REACH 1	0004	-1.4	-0.3	1.3	015	A3	VARIES-SEE MAP
REACH 2	0004	-2.8	-0.8	2.9	030	A6	VARIES-SEE MAP
REACH 3	0004	-1.0	-0.3	0.8	010	A2	VARIES-SEE MAP
PEAVINE CREEK							
REACH 1	0005	-2.5	-0.6	1.4	025	A5	VARIES-SEE MAP
REACH 2	0005	-2.0	-0.6	1.5	020	A4	VARIES-SEE MAP
*REACH 3	0005	-3.3	*	1.8	035	A7	VARIES-SEE MAP

[1] FLOOD INSURANCE RATE MAP PANEL
[2] WEIGHTED AVERAGE
[3] ROUNDED TO NEAREST FOOT
*INFORMATION NOT AVAILABLE; ZONES OBTAINED FROM TEXT DATED 5/15/80

REVISED 9/2/88

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA
(UNINCORPORATED AREAS)

FLOOD INSURANCE ZONE DATA

NORTH FORK PEACHTREE CREEK TRIBUTARY D—PANTHERS BRANCH—PARKWOOD PARK TRIBUTARY—PEACHTREE BRANCH—PEAVINE CREEK

FLOODING SOURCE	PANEL[1]	ELEVATION DIFFERENCE[2] BETWEEN 1% (100-YEAR) FLOOD AND			FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION (FEET NGVD)[3]
		10% (10-YEAR)	2% (50-YEAR)	0.2% (500-YEAR)			
Pole Bridge Creek							
Reach 1	0014, 0016	-2.2	-0.5	+1.6	020	A4	Varies
Reach 2	0014	-3.1	-0.6	+1.3	030	A6	Varies
Reach 3	0014	-1.1	-0.2	+0.9	010	A2	Varies
Reach 4	0014	-2.0	-0.4	+1.0	020	A4	Varies
Reach 5	0014	-1.1	-0.2	+0.6	010	A2	Varies
Reach 6	0014	-2.0	-0.3	+0.7	020	A4	Varies
Reach 7	0014	-0.8	-0.2	+0.5	010	A2	Varies
Pole Bridge Creek Tributary A							
Reach 1	0014	-2.2	-1.5	+0.5	020	A4	Varies
Reach 2	0014	-1.0	-0.6	+1.1	010	A2	Varies
Pole Bridge Creek Tributary B							
Reach 1	0014	-2.1	-1.0	+1.3	020	A4	Varies
Reach 2	0014	-3.7	-2.7	+2.2	035	A7	Varies
Reach 3	0014	-0.9	-0.2	+0.7	010	A2	Varies
Reach 4	0014	-6.0	-1.3	+5.1	060	A12	Varies
Reach 5	0014	-3.8	-0.8	+3.3	040	A8	Varies
Reach 6	0014	-0.8	-0.2	+0.6	010	A2	Varies
Shoal Creek East Fork Middle Branch							
*Reach 1	0008	-2.0	*	+1.4	020	A4	Varies

[1] Flood Insurance Rate Map Panel [2] Weighted Average [3] Rounded to Nearest Foot

*Information not available; zones obtained from text dated 5/15/80.

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOOD INSURANCE ZONE DATA

POLE BRIDGE CREEK- POLE BRIDGE CREEK TRIBUTARY A-POLE BRIDGE CREEK TRIBUTARY B- SHOAL CREEK EAST FORK MIDDLE BRANCH

FLOODING SOURCE	PANEL[1]	ELEVATION DIFFERENCE[2] BETWEEN 1% (100-YEAR) FLOOD AND			FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION (FEET NGVD)[3]
		10% (10-YEAR)	2% (50-YEAR)	0.2% (500-YEAR)			
Shoal Creek							
Reach 1	0009,0013	-2.3	-0.5	+1.4	025	A5	Varies
Reach 2	0009	-6.0	-1.1	+3.6	060	A12	Varies
Reach 3	0009	-4.1	-0.9	+2.5	040	A8	Varies
Reach 4	0009	-1.1	-0.2	+0.6	010	A2	Varies
Reach 5	0009	-1.8	-0.2	+0.5	020	A4	Varies
Reach 6	0009	-7.5	-1.7	+4.5	075	A15	Varies
Reach 7	0008, 0009	-2.4	-0.8	+1.7	025	A5	Varies
Reach 8	0008	-3.4	-1.0	+3.5	035	A7	Varies
Reach 9	0008	-1.0	-0.2	+0.7	010	A2	Varies
Shoal Creek Tributary A							
* Reach 1	0009	-2.0	*	+2.0	020	A4	Varies
Snapfinger Creek							
Reach 1	0009, 0013, 0014	-3.1	-0.8	+2.3	030	A6	Varies
Reach 2	0006, 0009,0010 0014	-2.0	-0.5	+1.7	020	A4	Varies
Reach 3	0006, 0007	-1.2	-0.3	+0.9	010	A2	Varies
Snapfinger Creek Tributary A							
Reach 1	0013	-0.6	-0.1	+0.5	005	A1	Varies

[1] Flood Insurance Rate Map Panel [2] Weighted Average [3] Rounded to Nearest Foot

*Information not available; zones obtained from text dated 5/15/80.

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOOD INSURANCE ZONE DATA

SHOAL CREEK-SHOAL CREEK TRIBUTARY A-
SNAPFINGER CREEK- SNAPFINGER CREEK TRIBUTARY A

FLOODING SOURCE	PANEL[1]	ELEVATION DIFFERENCE[2] BETWEEN 1% (100-YEAR) FLOOD AND			FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION (FEET NGVD)[3]
		10% (10-YEAR)	2% (50-YEAR)	0.2% (500-YEAR)			
Snapfinger Creek Tributary B							
Reach 1	0009	-1.0	-0.20	+0.60	010	A2	Varies
Snapfinger Creek Tributary C							
Reach 1	0006	-1.4	-0.3	+1.3	015	A3	Varies
Snapfinger Creek Tributary D	0006	-1.2	-0.3	+0.6	010	A2	Varies
Snapfinger Creek Tributary E							
Reach 1	0006	-1.0	-0.2	+0.7	010	A2	Varies
South Fork Peachtree Creek							
Reach 1	0004, 0005, 0006	-2.5	-0.7	1.5	025	A5	Varies
Reach 2	0006	-4.6	-0.7	1.2	045	A9	Varies
Reach 3	0006	−1.7	−0.7	0.9	015	A3	Varies
Reach 4	0004,0006	−1.2	−0.3	0.6	010	A2	Varies
Reach 5	0004	−2.1	−1.1	1.3	020	A4	Varies
Reach 6	0004	−1.2	−0.3	0.7	010	A2	Varies
South Fork Peachtree Creek Tributary A							
Reach 1	0004, 0006	-1.9	-0.6	+2.3	020	A4	Varies

[1] Flood Insurance Rate Map Panel [2] Weighted Average [3] Rounded to Nearest Foot

REVISED: 7/17/86

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOOD INSURANCE ZONE DATA

**SNAPFINGER CREEK TRIBUTARY B-SNAPFINGER CREEK TRIBUTARY C-
SNAPFINGER CREEK TRIBUTARY D-SNAPFINGER CREEK TRIBUTARY E-
SOUTH FORK PEACHTREE CREEK-SOUTH FORK PEACHTREE CREEK TRIBUTARY A**

FLOODING SOURCE	PANEL[1]	ELEVATION DIFFERENCE[2] BETWEEN 1% (100-YEAR) FLOOD AND			FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION[3] (FEET NGVD)
		10% (10-YEAR)	2% (50-YEAR)	0.2% (500-YEAR)			
South Fork Peachtree Creek Tributary A (continued)							
Reach 2	0004	-1.3	-0.3	+1.1	015	A3	Varies
South Fork Peachtree Creek Tributary B							
Reach 1	0004	-4.3	-1.4	+4.8	045	A9	Varies
Reach 2	0004	-2.0	-0.9	+4.0	020	A4	Varies
Reach 3	0004	-0.9	-0.2	+1.6	010	A2	Varies
South Fork Peachtree Creek Tributary C							
Reach 1	0005	-1.8	-0.4	+0.8	020	A4	Varies
Reach 2	0005	-1.2	-0.3	+0.7	010	A2	Varies
South Fork Peavine Creek							
*Reach 1	0005, 0008	-2.2	*	+1.4	020	A4	Varies
South River							
Reach 1	0012, 0013, 0016, 0017	-3.4	-0.9	+2.2	035	A7	Varies
South River Tributary A							
Reach 1	0013	-5.6	-0.3	+1.4	055	A11	Varies

[1] Flood Insurance Rate Map Panel [2] Weighted Average [3] Rounded to Nearest Foot

*Information not available; zones obtained from text dated 5/15/80.

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOOD INSURANCE ZONE DATA

SOUTH FORK PEACHTREE CREEK TRIBUTARY A- SOUTH FORK PEACHTREE CREEK TRIBUTARY B-SOUTH FORK PEACHTREE CREEK TRIBUTARY C- SOUTH FORK PEAVINE CREEK- SOUTH RIVER-SOUTH RIVER TRIBUTARY A

FLOODING SOURCE	PANEL[1]	ELEVATION DIFFERENCE[2] BETWEEN 1% (100-YEAR) FLOOD AND 10% (10-YEAR)	2% (50-YEAR)	0.2% (500-YEAR)	FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION (FEET NGVD)[3]
South River Tributary A							
Reach 2	0013	-3.3	-0.2	+1.2	035	A7	Varies
Reach 3	0013	-1.0	-0.2	+1.5	010	A2	Varies
*Reach 4	0013	-1.6	*	+1.1	015	A3	Varies
Stephenson Creek							
Reach 1	0016	-1.2	-0.3	+0.7	010	A2	Varies
Reach 2	0016	-3.2	-0.9	+1.9	030	A6	Varies
Reach 3	0016	-1.2	-0.2	+0.7	010	A2	Varies
STONE MOUNTAIN CREEK							
REACH 1	0011	-2.1	-0.5	+1.8	020	A4	Varies
REACH 2	0011	-1.2	-0.3	+1.0	010	A2	Varies
REACH 3	0011,0010	-2.2	-0.5	+1.9	020	A4	Varies
Stone Mountain Creek Tributary A							
Reach 1	0011	-0.9	-0.2	+0.9	010	A2	Varies
Sugar Creek							
Reach 1	0012	-3.0	-0.6	+1.7	030	A6	Varies
Reach 2	0012	-4.1	-0.8	+2.0	040	A8	Varies
Reach 3	0012	-1.0	-0.4	+1.2	010	A2	Varies
Reach 4	0008,0012	-2.2	-0.5	+2.0	020	A4	Varies

[1] Flood Insurance Rate Map Panel [2] Weighted Average [3] Rounded to Nearest Foot

*Information not available; zones obtained from text dated 5/15/80.

REVISED: 12/5/89

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOOD INSURANCE ZONE DATA

SOUTH RIVER TRIBUTARY A-STEPHENSON CREEK- STONE MOUNTAIN CREEK- STONE MOUNTAIN CREEK TRIBUTARY A-SUGAR CREEK

FLOODING SOURCE	PANEL[1]	ELEVATION DIFFERENCE[2] BETWEEN 1% (100-YEAR) FLOOD AND			FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION (FEET NGVD)[3]
		10% (10-YEAR)	2% (50-YEAR)	0.2% (500-YEAR)			
Sugar Creek East Branch A							
*Reach 1	0008	-1.3	*	+1.8	015	A3	Varies
Sugar Creek Tributary A							
Reach 1	0008	-0.8	-0.2	+0.5	010	A2	Varies
Reach 2	0008	-2.6	-0.3	+0.9	025	A5	Varies
Reach 3	0008	-1.0	-0.2	+0.8	010	A2	Varies
Swift Creek							
Reach 1	0011, 0015	-1.3	-0.3	+0.9	015	A3	Varies
*Reach 2	0010, 0011	-1.8	*	+1.5	020	A4	Varies
Swift Creek Tributary A							
Reach 1	0011, 0015	-0.5	-0.1	+0.4	005	A1	Varies
Tom George Pine Mountain Creek							
Reach 1	0015	-0.8	-0.2	+0.6	010	A2	Varies
Yellow River							
Reach 1	0011, 0015	-3.6	-0.8	+2.3	035	A7	Varies
Reach 2	0011	-4.9	-1.1	+3.0	050	A10	Varies

[1] Flood Insurance Rate Map Panel [2] Weighted Average [3] Rounded to Nearest Foot

*Information not available; zones obtained from text dated 5/15/80.

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOOD INSURANCE ZONE DATA

SUGAR CREEK EAST BRANCH A-SUGAR CREEK TRIBUTARY A-SWIFT CREEK-SWIFT CREEK TRIBUTARY A-TOM GEORGE AND PINE MOUNTAIN CREEK- YELLOW RIVER

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FLOODING SOURCE	PANEL[1]	ELEVATION DIFFERENCE[2] BETWEEN 1% (100-YEAR) FLOOD AND			FLOOD HAZARD FACTOR	ZONE	BASE FLOOD ELEVATION (FEET NGVD)[3]
		10% (10-YEAR)	2% (50-YEAR)	0.2% (500-YEAR)			
Nancy Creek Tributary No. 1 Reach 1	0002	-1.3	-0.5	+0.9	015	A3	Varies

[1] Flood Insurance Rate Map Panel [2] Weighted Average [3] Rounded to Nearest Foot

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

DEKALB COUNTY, GA

(UNINCORPORATED AREAS)

FLOOD INSURANCE ZONE DATA

NANCY CREEK TRIBUTARY NO. 1

6.0 OTHER STUDIES

A Flood Insurance Study was conducted for DeKalb County, Georgia, in January 1976. The area covered by this study was limited to the portion of the Yellow River and South River and their tributaries that are in DeKalb County, Georgia (Reference 7). Another Flood Insurance Study was conducted for the unincorporated areas of DeKalb County, Georgia, in May 1980 (Reference 8).

The Metropolitian Atlanta Area Water Resources Management Study, Appendix B, Volume 4, (Reference 9) discusses the following streams in DeKalb County, Georgia, with regard to hydraulic description, flood plain development and flood problems: Nancy Creek, Vermack Creek, Peachtree Creek, Burnt Fork Creek, Peavine Creek, Warren Creek, Crocket Creek, Henderson Creek, Womack Creek, Cobbs Creek, Snapfinger Creek, Pole Bridge creek, Honey Creek, Conley Creek, Crooked Creek, Blue Creek and Sugar Creek.

The COE has published several flood plain information reports that deal with various streams in DeKalb County, Georgia. In addition, the USGS and private architectural-engineering firms have performed various flood insurance studies and other hydrologic studies.

Data developed by this study either agrees with or supersedes all previous studies with one exception, and it is authoritative for the purposes of the National Flood Insurance Program. Profiles for North Fork of Peachtree Creek from Clairmont Road to Highway I-85 differ significantly (approximately 2 feet higher) than profiles developed for the same area by U.S. Geological Survey for Georgia Department of Transportation (Reference 10). This difference is due to higher discharges and the differences in hydrologic models used for profile computation.

7.0 LOCATION OF DATA

Survey, hydrologic, hydraulic, and other pertinent data used in this study can be obtained by contacting the Natural and Technological Hazards Division, Federal Emergency Management Agency, 1375 Peachtree Street, N.E., Atlanta, Georgia 30309.

8.0 BIBLIOGRAPHY AND REFERENCES

1. National Oceanic and Atmospheric Administration, Local Climatological Data for Atlanta, Georgia, 1978.

2. Hershfield, P.M., "Rainfall Frequency Atlas of the United States for Durations from 30 Minutes to 24 Hours and Return Periods from 1 to 100 years." Technical Paper No. 40, Weather Bureau, U.S. Department of Commerce, Washington, D.C. 1961.

3. A Method for Estimating Volume and Rate of Runoff in Small Watersheds, U.S. Department of Agriculture Soil Conservation Service SCS, Technical Paper 149, Revised April 1973.

4. U.S. Department of Agriculture, "Soil Conservation Service, National Engineering Handbook," Section 4 (NEH-4), Hydrology, August 1972.

5. U.S. Army Corps of Engineers, Hydrologic Engineering Center, HEC-2 Water-Surface Profiles, August 1979.

6. U.S. Army Corps of Engineers, Hydrologic Enigneering Center, HEC-1 Flood Hydrograph Package, January 1973.

7. U.S. Department of Housing and Urban Development, Federal Insurance Administration, Flood Insurance Study, DeKalb County, Georgia, January 1976.

8. Federal Emergency Management Agency, Federal Insurance Administration, Flood Insurance Study, DeKalb County, Georgia, May 1980.

9. U.S. Army Corps of Engineers, Savannah District, Metropolitan Atlanta Area Water Resources Management Study, Appendix B, Plan Formulation Volume 4, Flood Damage Reduction, September 1978.

10. Flood Flow Characteristics, North Fork Peachtree Creek, at Interstate 85 DeKalb County, Georgia Open-file Report No. 76-321. U.S. Geological Survey in Cooperation with Georgia Department of Transportation, March 1976.

☆U.S. GOVERNMENT PRINTING OFFICE [illegible]

9.0 REVISIONS DESCRIPTION

This section has been added to provide information regarding significant revisions made since the original Flood Insurance Study was printed. Future revisions may be made that do not result in the republishing of the Flood Insurance Study report. To assure that any user is aware of all revisions, it is advisable to contact the community repository of flood hazard data located at the DeKalb County Planning Department, One Callaway Square Building, Room 308, 120 West Trinity Place, Decatur, Georgia.

9.1 First Revision (Revised July 17, 1986)

a. Acknowledgments

The hydrologic and hydraulic analyses for this Revisions Description were performed by the U.S. Army Corps of Engineers (COE), Savannah District. The Federal Emergency Management Agency reviewed and accepted these data for purposes of this revision.

b. Scope

South Fork Peachtree Creek was revised from Tahoe Apartment Drive to just downstream of Elmdale Drive. Approximate flooding has been added on North Fork Peachtree Creek Tributary Nos. 1 and 2, North Fork Peachtree Creek Tributary A, North Fork Peachtree Tributary B, Nancy Creek Tributary 2, Nancy Creek Tributary C, and several unnamed tributaries. Flood boundaries were revised on Nancy Creek and Nancy Creek Tributary 1 adjacent to the City of Doraville, and on Nancy Creek Tributary B adjacent to the City of Chamblee. The county boundary, which is coincident with the corporate limits for Doraville, was revised.

c. Hydrologic and Hydraulic Analyses

Peak discharges for South Fork Peachtree Creek have been calculated at additional locations upstream of Tahoe Apartment Drive to reflect the reduction in drainage area. The additional discharges were computed using the HEC-1 computer program (Reference 11) and are shown in Table 6.

TABLE 6 - REVISED SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (SQ MILES)	PEAK DISCHARGE (CFS)			
		10-YEAR	50-YEAR	100-YEAR	500-YEAR
SOUTH FORK PEACHTREE CREEK					
just upstream of the confluence of South Fork Peachtree Creek Tributary B	2.31	1,018	1,487	1,642	2,051
just downstream of Theory Way	1.55	788	1,135	1,249	1,548
at Stone Mountain Freeway	0.81	488	696	764	942

The original COE HEC-2 analysis has been revised to reflect the reduced discharges (Reference 12). The starting water-surface elevations, roughness values, and cross-section data remained the same for this reanalysis.

The approximate boundaries for North Fork Peachtree Creek Tributary Nos. 1 and 2, North Fork Peachtree Creek Tributary A, North Fork Peachtree Creek Tributary B, Nancy Creek Tributary 2, Nancy Creek Tributary C, and several unnamed tributaries were delineated using information from the Flood Insurance Studies for the Cities of Chamblee and Doraville (References 13 and 14).

d. Other Studies

Due to the revised hydrologic and hydraulic analyses for South Fork Peachtree Creek, this Flood Insurance Study revision supersedes the previously published Flood Insurance Study for DeKalb County, Georgia (Reference 15).

e. Bibliography and References

11. U.S. Army Corps of Engineers, Hydrologic Engineering Center, HEC-1 Flood Hydrograph Package, Computer Program 823X6-L2610, Davis, California, January 1973.

12. ----------, Hydrologic Engineering Center, HEC-2 Water-Surface Profiles, Generalized Computer Program, Davis, California, April 1984.

13. U.S. Department of Housing and Urban Development, Federal Insurance Administration, Flood Insurance Study, City of Chamblee, DeKalb County, Georgia, March 1977.

14. Federal Emergency Management Agency, Flood Insurance Study, City of Doraville, DeKalb County, Georgia, August 1985.

15. ----------, Flood Insurance Study, DeKalb County, Unincorporated Areas, Georgia, July 1983.

9.2 Second Revision (Revised September 2, 1988)

a. Acknowledgements

The hydraulic analyses for this Revisions Description were performed by the U.S. Army Corps of Engineers (COE), Savannah District. The Federal Emergency Management Agency reviewed and accepted these data for purposes of this revision.

b. Scope

The COE restudied the entire lengths of Henderson Mill Creek and Peachtree Branch, and a portion of South Fork Peachtree Creek Tributary B upstream of Oakcrest Drive. The COE corrected reference mark elevations that were found to be erroneous in the initial hydraulic analyses of Henderson Mill Creek and Peachtree Branch.

c. Hydrologic and Hydraulic Analyses

Original hydrologic findings of the original Flood Insurance Study were not revised. This restudy used the same flow rates as the original study.

New surveyed cross-section information based on the corrected reference mark elevations was put into the initial HEC-2 analyses (Reference 16) for Henderson Mill Creek and Peachtree Branch. Roughness coefficients (Manning's "n") and peak discharges from the initial analyses were still considered valid and were not changed for this reanalysis.

Flood profiles for Henderson Mill Creek and Peachtree Branch were drawn showing the computed water-surface elevations for the 10-, 50-, 100-, and 500-year floods.

The results of the hydraulic analysis on South Fork Peachtree Creek Tributary B upstream of Oakcrest Drive indicate that most of the flooding is contained within the channel and the Special Flood Hazard Area is less than 50 feet wide. In addition, the drainage area is less than one square mile. Therefore, the zone designation along South Fork Peachtree Creek Tributary B has been changed to Zone B.

The correct reference mark elevations used for this reanalysis are noted on Flood Insurance Rate Map Panel 0004E and Flood Boundary and Floodway Map Panel 0004.

d. Floodways

As a result of the revised survey information, the floodway for Peachtree Branch was revised and extended to the upstream limit to reflect the revised floodway analysis. No floodway was generated for Henderson Mill Creek.

Floodway computations for Peachtree Branch were revised as a result of the revised floodway analysis. The floodways were computed on the basis of equal conveyance reduction from each side of the floodplain. The results of these computations were tabulated at selected cross sections for each stream segment for which a floodway was revised and are presented in Table 4, Floodway Data.

e. References and Bibliography

16. U.S. Army Corps of Engineers, Hydrologic Engineering Center, *HEC-2 Water-Surface Profiles, Generalized Computer Program*, Davis, California, April 1984.

9.3 Third Revision (Revised December 5, 1989)

a. Acknowledgments

The hydrologic and hydraulic analyses for South Fork Peachtree Creek were performed by McNally and Patrick, Inc. The hydraulic and hydrologic analyses for Nancy Creek Tributary A were performed by Stonehenge Engineering Services Corporation. Supplemental hydraulic analysis for Nancy Creek Tributary A downstream of Village Drive was performed by Mayes, Sudderth, and Etheredge, Inc. The hydrologic and hydraulic analyses for Stone Mountain Creek, Stone Mountain Creek Tributary A, and Crooked Creek Tributary, Stone Mountain Creek were performed by Walden, Ashworth & Associates, Inc. The Federal Emergency Management Agency (FEMA) reviewed and accepted these data for purposes of this revision.

b. Scope

South Fork Peachtree Creek was restudied from just downstream of Willivee Drive to just upstream of Stone Mountain Freeway to revise the base flood elevations and Special Flood Hazard Areas. The Special Flood Hazard Areas, base flood elevations, zone designations, and floodway were revised along Nancy Creek Tributary A based on channel modifications, compensatory storage facilities, and additional field survey cross sections. Stone Mountain Creek and Stone Mountain Creek Tributary A were revised to show the effects of a dam constructed on Stone Mountain Creek approximately 600 feet upstream of Rock Bridge Road. Crooked Creek Tributary, Stone

Mountain Creek was revised to show the effects of a dam constructed approximately 2,700 feet upstream of the confluence with Stone Mountain Creek. The zone designations along South River Tributary A were revised upstream of Flat Shoals Road.

c. Hydrologic and Hydraulic Analyses

The peak discharge-drainage area relationships for South Fork Peachtree Creek are presented in Table 7, Revised Summary of Discharges. Recorded discharges have been lowered for South Fork Peachtree Creek between Stone Mountain Freeway and Willivee Drive as a result of a more detailed hydrologic study.

TABLE 7 - REVISED SUMMARY OF DISCHARGES

FLOODING SOURCE AND LOCATION	DRAINAGE AREA (SQ MILES)	PEAK DISCHARGE (CFS)			
		10-YEAR	50-YEAR	100-YEAR	500-YEAR
SOUTH FORK PEACHTREE CREEK					
about 1,600 feet downstream of Stone Mountain Freeway	11.57	2,095	3,337	3,879	5,323
about 3,270 feet downstream of Stone Mountain Freeway	9.55	1,534	2,397	2,722	3,659
about 4,970 feet downstream of Stone Mountain Freeway	9.35	1,478	2,303	2,607	3,494

The revised hydraulic analyses for South Fork Peachtree Creek were developed using the HEC-2 step-backwater computer program (Reference 17) and are documented in a report titled "Flood Study, South Fork Peachtree Creek" (Reference 18) and in two addenda to that report (References 19 and 20). The revised hydraulic analyses incorporate the revised discharges presented in the second addendum (Reference 20). Manning's "n" values range from 0.03 to 0.05 for the channel and from 0.06 to 0.10 for the overbank areas. Cross-section data from the original Flood Insurance Study were used without modification in the hydraulic analyses for South Fork Peachtree Creek. The revised flood profiles for South Fork Peachtree Creek tie in with the original Flood Insurance Study just upstream of Stone Mountain Highway and just downstream of Willivee Drive. Base flood elevations for South Fork Peachtree Creek decreased by as much as 2 feet. The revised profile is shown on Flood Profile Panel 142P.

Hydrologic data for Nancy Creek Tributary A were obtained from the original Flood Insurance Study and used without modification. A weir was placed in the channel approximately 2,210 feet downstream of Peeler Road to provide compensatory storage for Nancy Creek Tributary A. The weir was modeled to determine 10-, 50-, 100-, and 500-year flood elevations for use in the hydraulic analyses. The weir characteristics and model are documented in a report prepared by Stonehenge Engineering Services Corporation (Reference 21), dated March 20, 1987.

The revised hydraulic analysis for Nancy Creek Tributary A was developed using the HEC-2 step-backwater computer program (Reference 17) by Stonehenge Engineering Services Corporation. Manning's "n" values range from 0.03 to 0.07 for the channel and from 0.10 to 0.15 for the overbank areas. Additional cross sections were field surveyed and incorporated into the hydraulic analyses to better define the Special Flood Hazard Area between Peachford Road and Peeler Road. Supplemental hydraulic analysis for Nancy Creek Tributary A from the confluence with Nancy Creek to Village Drive was prepared by Mayes, Sudderth, and Etheredge, Inc., and is documented in a report dated February 23, 1989 (Reference 22). Revised starting water-surface elevations just upstream of Cotillion Drive were revised using the Bureau of Public Road performance curve charts. Additional cross sections were field surveyed from 370 feet downstream of Savoy Drive to 370 feet upstream of Peachford Drive and incorporated into the hydraulic analyses to better define the Special Flood Hazard Areas and floodway through this reach. The revised flood profiles for Nancy Creek Tributary A tie in with the original Flood Insurance Study at the mouth and just upstream of Peeler Road. Base flood elevations for Nancy Creek Tributary A decrease by as much as 8 feet. The revised profiles are shown on Flood Profile Panels 81P and 82P.

The revised hydrologic analysis for Stone Mountain Creek was prepared by Walden, Ashworth & Associates, Inc., and is documented in a report dated October 14, 1986 (Reference 23). The analysis was performed using the HEC-1 Flood Hydrograph Package (Reference 24) incorporating standard Soil Conservation Service (SCS) methodology to determine the 10-, 50-, 100-, and 500-year flood elevations for Water's Edge Lake. The curve number values used are the same as those employed in the original Flood Insurance Study except in the Water's Edge Development, where a more detailed examination of curve number values was used.

The revised hydraulic analyses for Stone Mountain Creek and Stone Mountain Creek Tributary A (affected by backwater from Water's Edge Lake) were developed using HEC-2 (Reference 17). Walden, Ashworth & Associates, Inc., prepared and documented the hydraulic analyses for Stone Mountain Creek and Stone Mountain Creek Tributary A with reports dated April 1, 1988 (Reference 25) and April 4, 1988 (Reference 26). Manning's "n" values range from 0.04 for the channel to 0.09 for the overbank areas for both analyses. Cross-section data from the original Flood Insurance Study were used without modification in both analyses. The revised flood profiles for Stone Mountain Creek tie in with the original Flood Insurance Study just downstream of the new dam and just upstream of North Deshon Road. The revised flood profiles for Stone Mountain Creek Tributary A tie in with the original Flood Insurance Study just upstream of Waters Edge Drive. Base flood elevations for Stone Mountain Creek and Stone Mountain Creek Tributary A increase by as much as 14 feet and 4 feet, respectively. The revised flood profiles for Stone Mountain Creek are shown on Flood Profile Panel 161P and for Stone Mountain Creek Tributary A on Flood Profile Panel 165P.

The revised hydrologic analysis for Crooked Creek Tributary, Stone Mountain Creek was prepared by Walden, Ashworth & Associates, Inc., and is documented in a report dated October 27, 1987 (Reference 27). The analysis was performed with HEC-1 (Reference 24) using standard SCS methodology to determine the 10-, 50-, 100-, and 500-year flood elevations for Crooked Creek Lake. The curve number values used are the same as those employed in the original Flood Insurance Study.

The revised hydraulic analysis for Crooked Creek Tributary, Stone Mountain Creek was developed using HEC-2 (Reference 17). Walden, Ashworth & Associates, Inc., prepared and documented the hydraulic analyses for Crooked Creek Tributary, Stone Mountain Creek with reports dated November 4, 1987 (Reference 28) and March 14, 1988 (Reference 29). Manning's "n" values range from 0.012 to 0.04 for the channel to 0.08 for the overbank areas. Cross-section data from the original Flood Insurance Study were used without modification in this analysis. The revised flood profiles for Crooked Creek Tributary, Stone Mountain Creek tie in with the original Flood Insurance Study about 2,650 feet upstream of the confluence with Stone Mountain Creek and just downstream of South Deshon Road. Base flood elevations for Crooked Creek Tributary, Stone Mountain Creek increase by as much as 11 feet. The revised flood profiles for Crooked Creek Tributary, Stone Mountain Creek are shown on the Flood Profile Panels 33P and 34P.

In the original Flood Insurance Study it was determined that the drainage area for South River Tributary A upstream of Flat Shoals Road is less than one square mile. The limit of the detailed study is shown at 5,350 feet above the mouth of South River Tributary A, but the zone designation is described as Zone A3 on the Flood Insurance Rate Map. The zone designation for the reach of South River Tributary A upstream of the limit of the detailed study is revised by this revision from Zone A3 to Zone B.

d. Floodways

Floodway computations for Stone Mountain Creek, Stone Mountain Creek Tributary A, and Crooked Creek Tributary, Stone Mountain Creek were revised to reflect dams constructed on Stone Mountain

Creek and Crooked Creek Tributary, Stone Mountain Creek. Floodway computations for Nancy Creek Tributary A were revised as the result of the construction of compensatory storage facilities and additional cross sections. The floodways were computed on the basis of equal conveyance reduction from each side of the floodplain. The results of these computations were tabulated at selected cross sections for each stream segment for which a floodway was revised and are presented in Table 4, Floodway Data.

e. Other Studies

Due to the revised hydrologic and hydraulic analyses incorporated into this revision, this Flood Insurance Study revision supersedes the previous revisions to the original Flood Insurance Study. This revision does not affect any of the incorporated communities within DeKalb County, Georgia.

f. References and Bibliography

17. U.S. Army Corps of Engineers, Hydrologic Engineering Center, HEC-2 Water Surface Profiles, Computer Program 723-X6-L202A, Davis, California, April 1984.

18. McNally & Patrick, Inc., Flood Study, South Fork Peachtree Creek, Lawrenceville, Georgia, January 26, 1988.

19. ————, Flood Study Addendum, South Fork Peachtree Creek, Lawrenceville, Georgia, February 18, 1988.

20. ————, Flood Study Addendum, South Fork Peachtree Creek, Lawrenceville, Georgia, April 25, 1988.

21. Stonehenge Engineering Services Corporation, Lakeview Oaks Flood Profile Analysis, Addendum Number Two, Hydraulic Model Testing, Final Weir Design, Atlanta, Georgia, March 20, 1987.

22. Mayes, Sudderth, and Etheredge, Inc., Floodplain Map Amendment for Nancy Creek Tributary A, Atlanta, Georgia, February 23, 1989.

23. Walden, Ashworth & Associates, Inc., Water's Edge Hydrologic Study, Marietta, Georgia, October 14, 1986.

24. U.S. Army Corps of Engineers, Hydrologic Engineering Center, HEC-1 Flood Hydrograph Package, Computer Program 823-X6-L2010, Davis, California, September 1981, revised January 1985.

25. Walden, Ashworth & Associates, Inc., Water's Edge Development, Stone Mountain Creek Flood Plain Study, Marietta, Georgia, April 1, 1988.

26. ————, Water's Edge Development, Stone Mountain Creek Tributary A Flood Plain Study, Marietta, Georgia, April 4, 1988.

27. ———, Stonebridge Hydrologic Study Revision I, Marietta, Georgia, October 27, 1987.

28. ———, Stonebridge Development Flood Plain Study, Marietta, Georgia, November 4, 1987.

29. ———, Stonebridge Development Flood Plain Study Addendum, Marietta, Georgia, March 14, 1988.